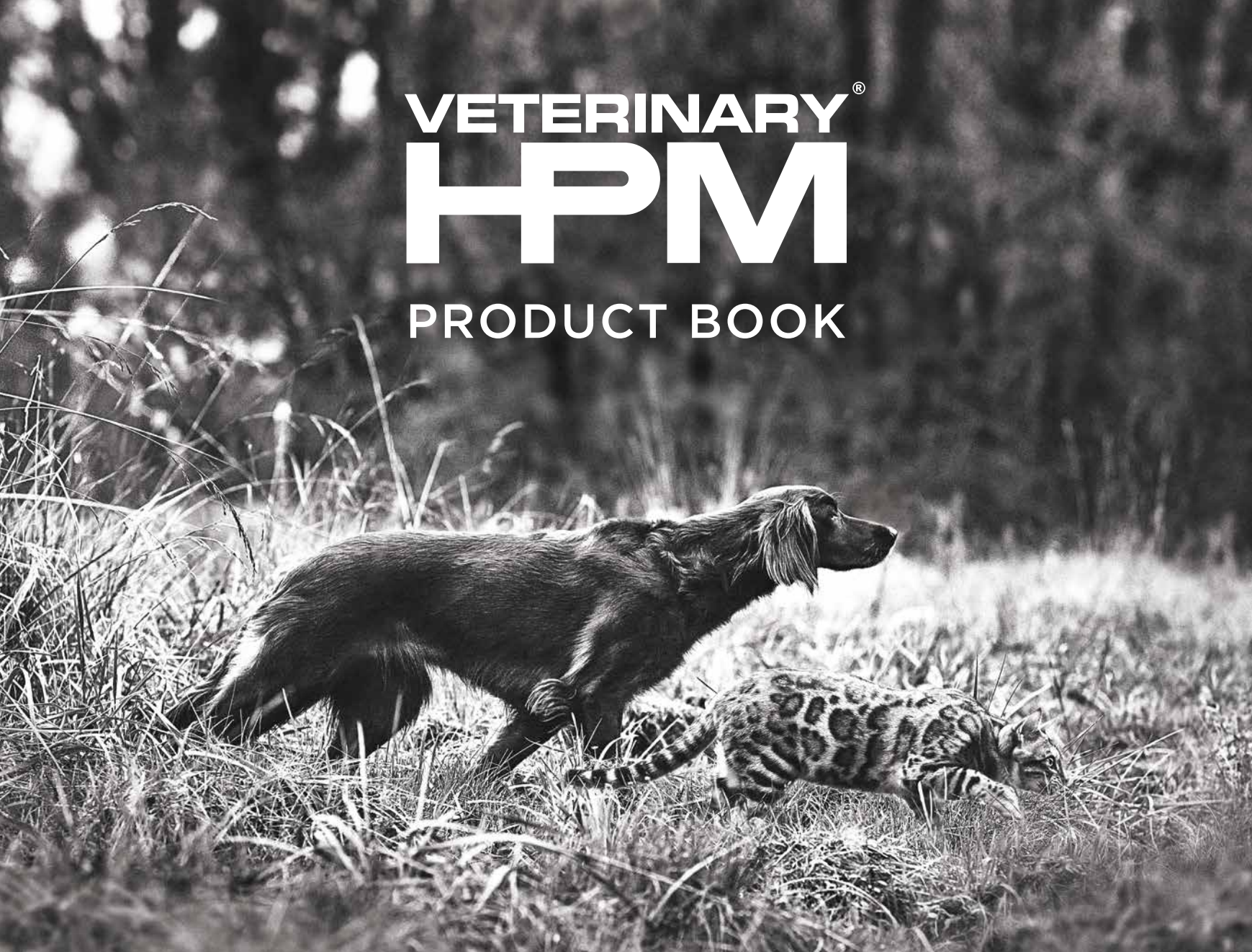


# VETERINARY<sup>®</sup> HPM

## PRODUCT BOOK



Shaping the future  
of animal health

**Virbac**





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LIFESTAGE RANGE	
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## OUR APPROACH TO LIFESTAGE DIETS



**NUTRITION  
FOR  
CARNIVORES**



**GLOBAL  
PREVENTIVE  
PROFILE**

### Cat Range



6 products

### Dog Range



13 products



**NUTRITION  
FOR  
CARNIVORES**



**GLOBAL  
PREVENTIVE  
PROFILE**

# A LIFESTAGE RANGE THAT IS CLOSEST TO THE NEEDS OF CARNIVORES



## LIFESTAGE RANGE



A formulation high in protein and low in carbohydrate (HP-LC) of which 90% of the protein is of animal origin.

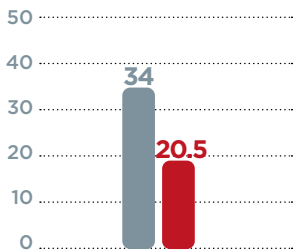


COMPARISON OF  
DRY ADULT CAT FOOD\*

### CARBOHYDRATE

-40%

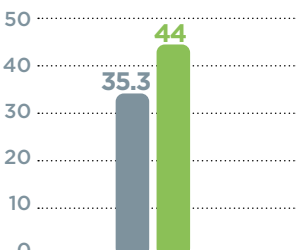
% CARBOHYDRATE



### PROTEIN

+25%

% PROTEIN

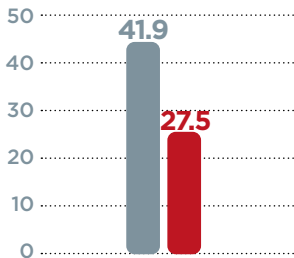


COMPARISON OF  
DRY ADULT DOG FOOD\*

### CARBOHYDRATE

-34%

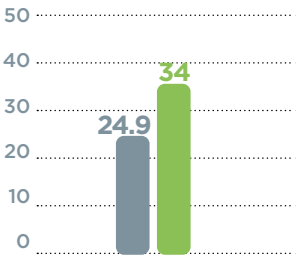
% CARBOHYDRATE



### PROTEIN

+37%

% PROTEIN













■ MARKET AVERAGE  
■ AVERAGE OF VETERINARY  
HPM RANGE

\* Average protein and carbohydrate amounts in adult dog and cat dry food available in the European veterinary market. Internal analysis performed in France, 2019. Comparative data collected via official product websites.

Each VETERINARY HPM<sup>®</sup> diet is formulated with the age and lifestyle of the pet in mind and has its own Global Preventive Profile based on up to 10 major prevention targets.



## UP TO 10 HEALTH BENEFITS

			
BODY WEIGHT CONTROL	DENTAL TARTAR CONTROL	JOINT AND MUSCLE SUPPORT	
			
DIGESTIVE TOLERANCE	SKIN AND COAT SUPPORT	URINARY HEALTH	LOW GLYCAEMIC INDEX
			
RENAL FUNCTION	LOW-ALLERGEN FORMULATION	IMMUNE SUPPORT	





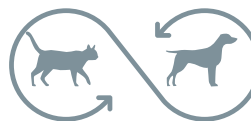
## INFORMATION ON PACK



## OUR APPROACH TO CLINICAL DIETS



**NUTRITION  
FOR  
CARNIVORES**



**VETERINARY  
GLOBAL  
CARE**

### Cat Range



16 products

### Dog Range



9 products



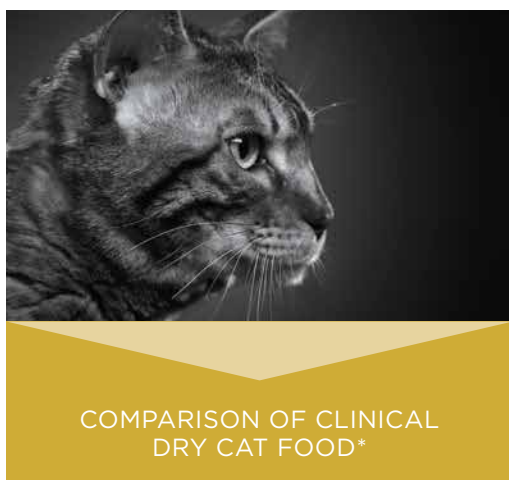
# A CLINICAL RANGE THAT IS CLOSEST TO THE NEEDS OF CARNIVORES



## CLINICAL RANGE



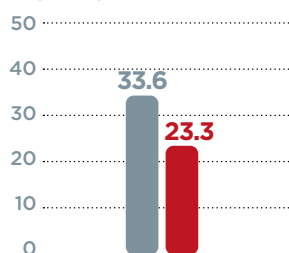
A formulation high in protein and low in carbohydrate (HP-LC) of which 90% of the protein is of animal origin.



### CARBOHYDRATE

-30%

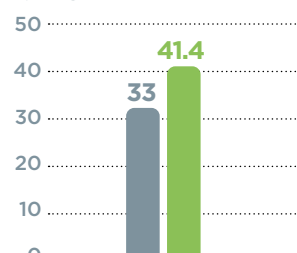
#### % CARBOHYDRATE



### PROTEIN

+25%

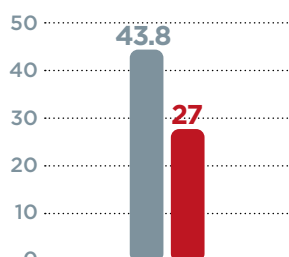
#### % PROTEIN



### CARBOHYDRATE

-38%

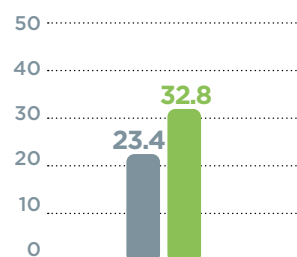
#### % CARBOHYDRATE



### PROTEIN

+40%

#### % PROTEIN



■ MARKET AVERAGE  
■ AVERAGE OF VETERINARY HPM RANGE

\* Average protein and carbohydrate amounts in clinical dry food for cats and dogs for the main diseases excluding kidney disease, commercialised in Europe. Internal analysis carried out in France, November 2016 - Comparison data collected via official product websites.

## ADVANCED NUTRITIONAL MANAGEMENT



### 1 MANAGEMENT OF PRIMARY CONDITION

Every product is adapted to the nutritional management of a specific health condition.

### 2 SUPPORT OF CONCURRENT CONDITIONS

A health condition often impacts upon other organs and functions, which is why every VETERINARY HPM<sup>®</sup> clinical diet also supports the nutritional management of common concurrent conditions.

### 3 RESTORATION OF BODY COMPOSITION

The HP-LC (High Protein - Low Carbohydrate) formulation contributes to a balanced lean mass to fat mass ratio.

### 4 ADDITIONAL HEALTH BENEFITS

Every VETERINARY HPM<sup>®</sup> clinical diet helps to maintain the general health of the pet, and goes beyond the management of a specific health condition.



## INFORMATION ON PACK



CAT RANGE



LIFESTAGE RANGE



CAT RANGE

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NEUTERED CAT

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## AVAILABLE SIZES

	NEUTERED CAT					
	BABY	JUNIOR	ADULT	ADULT WITH SALMON	ADULT WET WITH SALMON	SENIOR
400g	x					
1.5kg	x	x	x	x		x
3kg	x	x	x	x		x
7kg			x	x		x
12x85g Chunks in gravy					x	



# ANALYTICAL CONSTITUENTS

## DRY CAT RANGE

AS FED (%)	BABY	JUNIOR	ADULT	ADULT SALMON	SENIOR
Moisture	5.5	5.5	5.5	5.5	5.5
Protein	45	44	44	44	38
Animal to vegetable protein ratio	92:08	91:09	90:10	91:09	89:11
Fat	20	16	13.5	16	16
Minerals	8.5	8.5	8.5	8.5	7.5
Crude Cellulose	4	6	10.5	6	7.5
Total dietary Fibre	7.5	10.5	15.5	10.5	13
Starch	13.5	13.5	11.5	13.5	18
Calcium	1.3	1.3	1.3	1.3	1.1
Phosphorus	1.1	1.1	1.1	1.1	0.8
Ca/P Ratio	1.2	1.2	1.2	1.2	1.4
Sodium	0.7	0.7	0.7	0.7	0.5
Potassium	0.7	0.7	0.7	0.7	0.7
Magnesium	0.1	0.1	0.1	0.1	0.1
Omega-6	3.3	2.8	2.4	2.8	2.8
Omega-3	1	0.8	0.8	0.8	0.9
Nitrogen Free Extract	17	20	18	20	25.5
Calculated metabolisable energy (NRC 2006) (Kcal/100g)	412	384	352	384	377
In vivo measured metabolisable energy (Kcal/100g)	430	377	342	377	360
Protein to calorie ratio (NRC 2006) (g/Mcal)	109	115	125	115	101
Energy from protein (%)	41	43	46	43	37
Energy from fat (%)	44	38	35	38	38
Energy from NFE (%)	15	19	19	19	25
Urinary pH	6.2 - 6.7	6.0 - 6.5	6.0 - 6.5	6.0 - 6.5	6.2 - 6.7
Struvite RSS	<2.5	<2.5	<2.5	<2.5	<2.5
Oxalate RSS	<12	<12	<12	<12	<12

### Added vitamins and trace elements:

Vitamin A (IU/kg)	17000	17000	17000	17000	17000
Vitamin D3 (IU/kg)	1700	1700	1700	1700	1700
Vitamin E (mg/kg)	610	610	610	610	610
Vitamin K3 (mg/kg)	0.22	0.22	0.22	0.22	0.22
Vitamin B1 (thiamine) (mg/kg)	11.2	11.2	11.2	11.2	11.2
Vitamin B2 (riboflavin) (mg/kg)	8	8	8	8	8
Vitamin B3 (PP, niacin, nicotinic ac) (mg/kg)	113.4	113.4	113.4	113.4	113.4
Vitamin B5 (pantothenic ac) (mg/kg)	14.5	14.5	14.5	14.5	14.5
Vitamin B6 (pyridoxine) (mg/kg)	7.6	7.6	7.6	7.6	7.6
Vitamin B8 (biotin, vitamin H) (mg/kg)	0.15	0.15	0.15	0.15	0.15
Vitamin B9 (folic ac) (mg/kg)	1.9	1.9	1.9	1.9	1.9
Vitamin B12 (cobalamin) (mg/kg)	0.046	0.046	0.046	0.046	0.046
Choline (mg/kg)	1760	1760	1760	1760	1760
Taurine (mg/kg)	2460	2460	2460	2460	2460
Copper (mg/kg)	12	12	12	12	12
Iodine (mg/kg)	0.4	0.4	0.4	0.4	0.4
Zinc (mg/kg)	110	110	110	110	110



**AS FED (%)****Specific functional ingredients / additives:**

	BABY	JUNIOR	ADULT	ADULT SALMON	SENIOR
Bentonite (g/kg)	5	5	5	5	5
<i>Lactobacillus acidophilus</i> (mg/kg)	7	7	7	7	7
Beta-glucan (mg/kg)	500	0	0	0	0
Pentasodium triphosphate (%)	0.35	0.35	0.35	0.35	0.05
L-Carnitine (mg/kg)	540	540	540	540	540
Chitosan (mg/kg)	800	800	800	800	800
Chondroitine sulphate (mg/kg)	0	0	0	0	800

**ON DRY MATTER (%)**

	BABY	JUNIOR	ADULT	ADULT SALMON	SENIOR
Protein	47.6	46.6	46.6	46.6	40.2
Fat	21.2	16.9	14.3	16.9	16.9
Minerals	9.0	9.0	9.0	9.0	7.9
Crude cellulose	4.2	6.3	11.1	6.3	7.9
Total dietary Fibre	7.9	11.1	16.4	11.1	13.8
Starch	14.3	14.3	12.2	14.3	19.0
Calcium	1.4	1.4	1.4	1.4	1.2
Phosphorus	1.2	1.2	1.2	1.2	0.8
Ca/P ratio	1.2	1.2	1.2	1.2	1.4
Sodium	0.7	0.7	0.7	0.7	0.5
Potassium	0.7	0.7	0.7	0.7	0.7
Magnesium	0.1	0.1	0.1	0.1	0.1
Omega-6	3.5	3.0	2.5	3.0	3.0
Omega-3	1.1	0.8	0.8	0.8	1.0
Nitrogen Free Extract (NFE)	18.0	21.2	19	21.2	27.0
Calculated metabolisable energy (NRC 2006) (kcal/100g)	436	406	372	406	399

**ON 1000 kcal (g)**

	BABY	JUNIOR	ADULT	ADULT SALMON	SENIOR
Protein	109.2	114.6	125	114.6	100.8
Fat	48.5	41.7	38.4	41.7	42.4
Minerals	20.6	22.1	24.1	22.1	19.9
Crude cellulose	9.7	15.6	29.8	15.6	19.9
Total dietary Fibre	18.2	27.3	44.0	27.3	34.5
Starch	32.8	35.2	32.7	35.2	47.7
Calcium	3.2	3.4	3.7	3.4	2.9
Phosphorus	2.7	2.9	3.1	2.9	2.1
Ca/P ratio	1.2	1.2	1.2	1.2	1.4
Sodium	1.7	1.8	2.0	1.8	1.3
Potassium	1.7	1.8	2.0	1.8	1.9
Magnesium	0.2	0.3	0.3	0.3	0.3
Omega-6	8.0	7.3	6.8	7.3	7.4
Omega-3	2.4	2.1	2.3	2.1	2.4
Nitrogen Free Extract (NFE)	41.3	52.1	51.1	52.1	67.6

# ANALYTICAL CONSTITUENTS

## WET CAT RANGE

AS FED (%)	ADULT
Moisture	79
Protein	11.5
Animal to vegetable protein ratio	90:10
Fat	4
Minerals	2.3
Crude cellulose	0.8
Calcium	0.20
Phosphorus	0.17
Ca/P ratio	1.2
Sodium	0.3
Potassium	0.25
Magnesium	0.016
Omega-6	0.9
Omega-3	0.22
Nitrogen Free Extract (NFE)	2.4
Calculated metabolisable energy (NRC 2006)(Kcal/100g)	89
Protein to calorie ratio (NRC 2006) (g/Mcal)	129
Energy from protein (%)	50
Energy from fat (%)	39
Energy from NFE (%)	11
Urinary pH	6.0 - 6.5
Struvite RSS	<2.5
Ca oxalate RSS	<12

### Total vitamins and trace elements

Vitamin A (IU/kg)	20000
Vitamin D3 (IU/kg)	200
Vitamin E (mg/kg)	125
Vitamin B1 thiamine) (mg/kg)	5
Vitamin B2 (riboflavin) (mg/kg)	3
Vitamin B3 (PP, niacin, nicotinic ac) (mg/kg)	45
Vitamin B5 (pantothenic ac) (mg/kg)	8
Vitamin B6 (pyridoxine) (mg/kg)	1.7
Vitamin B8 (biotin, vitamin H) (mg/kg)	0.06
Vitamin B9 (folic ac) (mg/kg)	0.8
Vitamin B12 (cobalamin) (mg/kg)	0.03
Choline (mg/kg)	1300
Taurine (mg/kg)	1200
Copper (mg/kg)	2.6
Iron (mg/kg)	60
Iodine (mg/kg)	1.5
Manganese (mg/kg)	5
Selenium (mg/kg)	0.4
Zinc (mg/kg)	35

Specific functional ingredients / additives	ADULT
Bentonite (mg/kg)	900

### ON 1000 kcal (g)

Protein (%)	129.2
Fat (%)	44.9
Minerals (%)	25.8
Crude cellulose (%)	9.0
Calcium (%)	2.20
Phosphorus (%)	1.90
Sodium (%)	3.37
Potassium (%)	2.81
Magnesium (%)	0.18
Omega-6 (%)	10.11
Omega-3 (%)	2.47
Nitrogen Free Extract (NFE) (%)	27.0
Vitamin A (IU/kg)	22472
Vitamin D3 (IU/kg)	225
Vitamin E (mg/kg)	140
Vitamin B1 thiamine) (mg/kg)	5.6
Vitamin B2 (riboflavin) (mg/kg)	3.4
Vitamin B3 (PP, niacin, nicotinic ac) (mg/kg)	50.6
Vitamin B5 (pantothenic ac) (mg/kg)	9.0
Vitamin B6 (pyridoxine) (mg/kg)	1.9
Vitamin B8 (biotin, vitamin H) (mg/kg)	0.07
Vitamin B9 (folic ac) (mg/kg)	0.9
Vitamin B12 (cobalamin) (mg/kg)	0.03
Choline (mg/kg)	1461
Taurine (mg/kg)	1348
Copper (mg/kg)	2.9
Iron (mg/kg)	67.4
Iodine (mg/kg)	1.7
Manganese (mg/kg)	5.6
Selenium (mg/kg)	0.4
Zinc (mg/kg)	39.3



# PRE NEUTERED CAT



**AVAILABLE SIZES**  
400 g, 1.5 kg, 3 kg

## INDICATION

Complete diet for kittens:

- From **weaning up to neutering** or **up to 12 months** if not neutered
- Pregnant **cats**.
- Lactating **cats**.

## ANALYTICAL CONSTITUENTS

(% as fed)

• Moisture	<b>5.5</b>
• Protein	<b>45</b>
• Animal to vegetable protein ratio	<b>92:8</b>
• Fat	<b>20</b>
• Minerals	<b>8.5</b>
• Crude cellulose	<b>4</b>
• NFE*	<b>17</b>
• Starch	<b>13.5</b>
• Calcium	<b>1.3</b>
• Phosphorus	<b>1.1</b>
• Ca/P ratio	<b>1.2</b>
• Sodium	<b>0.7</b>
• Omega-6	<b>3.1</b>
• Omega-3	<b>1</b>

## NUTRITIONAL VALUES

• ME** calculated (kcal/100g)***	<b>412</b>
• ME** measured <i>in vivo</i> (kcal/100g)	<b>430</b>
• Energy from protein (%)	<b>41</b>
• Energy from fat (%)	<b>44</b>
• Energy from NFE (%)	<b>15</b>
• Urinary pH	<b>6.2 - 6.7</b>
• Struvite RSS	<b>&lt;2.5</b>
• Oxalate RSS	<b>&lt;12</b>
• Digestibility protein (%)	<b>85</b>
• Digestibility fat (%)	<b>94</b>

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

**LOW CARBOHYDRATE (NFE) 17%**

**HIGH PROTEIN 45%**

**of ANIMAL ORIGIN 92%**

## COMPOSITION

Dehydrated pork and poultry proteins, Animal fats, Potato starch (min. 4%), Hydrolysed pork and poultry proteins, Peas, Rice (min. 4%), Minerals, Faba bean hulls, Beet pulp, Lignocellulose, Brewers yeast (source of Beta-glucan), Linseed, Fish oil, Psyllium fibre (*Plantago (L.) spp.*), Fructo-oligosaccharides, Hydrolysed crustacean (source of chitosan), Chondroitin sulphate, *Lactobacillus acidophilus*.

## SPECIFIC INGREDIENTS/ADDITIVES

• Beta-glucan	<b>500 mg/kg</b>
• Bentonite	<b>5g/kg</b>
• Pasteurised <i>Lactobacillus acidophilus</i>	<b>7 mg/kg</b>
• L-carnitine	<b>540 mg/kg</b>
• Pentasodium triphosphate	<b>0.35%</b>
• Chitosan	<b>800 mg/kg</b>

## FEEDING GUIDELINES



Body Weight (kg)	Daily ration (g/day)		
	Age (month)		
	3-5	6-8	9-12
0.5	15		
1	30	25	
1.5	45	35	25
2	60	45	35
3	85	70	50
4	115	95	70
5		115	85
6			105
7			120
8			140
9			155
10			175

Quantities may vary depending on the breed and activity level of the kitten. Before 3 months old, give the food ad lib. See page 30 for use in gestation or lactation.



## GLOBAL PREVENTIVE PROFILE

**Kittens have very specific requirements to sustain their growth. They need adapted energy, protein and minerals levels. They also have a delicate digestive system and an immature immune system.**

### Growth before Neutering



The high energy density and high degree of digestibility of the food provide a concentrated diet which covers the requirements for intense and rapid growth. The high protein content, with balanced calcium and phosphorus levels, ensures healthy growth.

### High Energy Level



A high fat content helps to reach a high energy density.

### Immune Support



The beta-glucan supplement helps to promote the development of a kitten's own defence system.

### High Digestive Tolerance



The very low starch content allows for low levels of digestive amylase activity in young kittens. *Lactobacilli* (probiotic) stimulate the growth of protective acidogenic flora. They contribute to local immunity. Bentonite helps to protect the digestive mucosa, helps limit inflammation and infection, and aids normal stool odour and consistency. Soluble fibres (prebiotics) contribute to the normal growth of digestive flora and to the integrity of the colonic mucosa.

### Urinary Health



The high level of animal protein helps maintain a desirable urinary pH.

### Skin and Coat Support



The high levels of proteins and the balance of omega-3 and omega-6 essential fatty acids contribute to the development of epidermal barrier functions and the formation of the kitten's coat.

### Dental Tartar Control



The pentasodium triphosphate supplement helps to limit dental plaque and tartar formation and contributes to good oral and dental health from a very early age.



# NEUTERED CAT



**AVAILABLE SIZES**  
1.5 kg, 3 kg

## INDICATION

Complete diet for **young cats**:

- From **neutering** up to **12 months old**

## ANALYTICAL CONSTITUENTS

(% as fed)

• Moisture	<b>5.5</b>
• Protein	<b>44</b>
• Animal to vegetable protein ratio	<b>91:9</b>
• Fat	<b>16</b>
• Minerals	<b>8.5</b>
• Crude cellulose	<b>6</b>
• NFE*	<b>20</b>
• Starch	<b>13.5</b>
• Calcium	<b>1.3</b>
• Phosphorus	<b>1.1</b>
• Ca/P ratio	<b>1.2</b>
• Sodium	<b>0.7</b>
• Omega-6	<b>2.8</b>
• Omega-3	<b>0.8</b>

## NUTRITIONAL VALUES

• ME** calculated (kcal/100g)***	<b>384</b>
• ME** measured in vivo (kcal/100g)	<b>377</b>
• Energy from protein (%)	<b>43</b>
• Energy from fat (%)	<b>38</b>
• Energy from NFE (%)	<b>19</b>
• Urinary pH	<b>6.0 - 6.5</b>
• Struvite RSS	<b>&lt;2.5</b>
• Oxalate RSS	<b>&lt;12</b>
• Digestibility protein (%)	<b>82</b>
• Digestibility fat (%)	<b>91.5</b>

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

**LOW CARBOHYDRATE (NFE) 20%**

**HIGH PROTEIN 44%**

**of ANIMAL ORIGIN 91%**

## COMPOSITION

Dehydrated pork and poultry proteins, Potato starch (min. 4%), Animal fats, Hydrolysed pork and poultry proteins, Peas, Minerals, Faba bean hulls, Dehydrated salmon protein, Rice (min. 4%), Lignocellulose, Linseed, Beet pulp, Brewers yeast, Psyllium fibre (*Plantago (L.) spp.*), Fructo-oligosaccharides, Hydrolysed crustacean (source of chitosan), Chondroitin sulphate, *Lactobacillus acidophilus*.

## SPECIFIC INGREDIENTS/ADDITIVES

• Bentonite	<b>5g/kg</b>
• Pasteurised <i>Lactobacillus acidophilus</i>	<b>7 mg/kg</b>
• L-carnitine	<b>540 mg/kg</b>
• Pentasodium triphosphate	<b>0.35%</b>
• Chitosan	<b>800 mg/kg</b>

## FEEDING GUIDELINES



Body Weight (kg)	Daily ration (g/day)		
	Age (month)		
	3-5	6-8	9-12
0.5	15		
1	25	20	
1.5	40	30	25
2	50	40	30
3	75	60	45
4	100	80	60
5		100	75
6			90
7			105
8			120
9			135
10			150

Quantities may vary depending on the breed and activity level of the cat.







## GLOBAL PREVENTIVE PROFILE

**Energy requirements drop significantly shortly after neutering, increasing the risk of weight gain in young cats despite on-going growth.**

### Growth after Neutering



The moderate energy density and L-carnitine supplement limit the risk of excess weight which might arise as a result of neutering. The high protein content contributes to muscle development.

### Moderate Calorie Level



A low fat content and a slightly increased fibre content assure that the energy density of the food is appropriate for the end of growth, after neutering.

### Urinary Health



The high level of animal protein stimulates water intake, increases the volume of urine and helps stabilise the pH, for a healthy urinary system. The chitosan supplement, a digestive chelating agent for phosphorus, helps to limit the excretion of the latter in the urine for improved prevention of struvite crystal formation.

### High Digestive Tolerance



The very low starch content allows for low levels of digestive amylase activity. *Lactobacilli* (probiotic) stimulate the growth of protective acidogenic flora. They contribute to local immunity. Bentonite helps to protect the digestive mucosa, helps limit inflammation and infection, and aids normal stool odour and consistency. Soluble fibres (prebiotics) contribute to the normal growth of digestive flora and to the integrity of the colonic mucosa.

### Skin and Coat Support



The high levels of proteins and the balance of omega-3 and omega-6 essential fatty acids contribute to the development of epidermal barrier functions and the formation of the coat.

### Dental Tartar Control



The pentasodium triphosphate supplement helps to limit dental plaque and tartar formation and contributes to good oral and dental health from a very early age.

### Low Glycaemic Index



The low starch content helps ensure stable blood glucose levels.



# NEUTERED CAT



## AVAILABLE SIZES

1.5 kg, 3 kg, 7 kg

## INDICATION

Complete diet for **adult cats**:

- **Neutered** from **one year old**.

## ANALYTICAL CONSTITUENTS

(% as fed)

• Moisture	<b>5.5</b>
• Protein	<b>44</b>
• Animal to vegetable protein ratio	<b>90:10</b>
• Fat	<b>13.5</b>
• Minerals	<b>8.5</b>
• Crude cellulose	<b>10.5</b>
• NFE*	<b>18</b>
• Starch	<b>11.5</b>
• Calcium	<b>1.3</b>
• Phosphorus	<b>1.1</b>
• Ca/P ratio	<b>1.2</b>
• Sodium	<b>0.7</b>
• Omega-6	<b>2.4</b>
• Omega-3	<b>0.8</b>

## NUTRITIONAL VALUES

• ME** calculated (kcal/100g)**	<b>352</b>
• ME** measured in vivo (kcal/100g)	<b>342</b>
• Energy from protein (%)	<b>46</b>
• Energy from fat (%)	<b>35</b>
• Energy from NFE (%)	<b>19</b>
• Urinary pH	<b>6.0 - 6.5</b>
• Struvite RSS	<b>&lt;2.5</b>
• Oxalate RSS	<b>&lt;12</b>
• Digestibility protein (%)	<b>85.5</b>
• Digestibility fat (%)	<b>94</b>

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

**LOW CARBOHYDRATE (NFE) 18%**

**HIGH PROTEIN 44%**

**of ANIMAL ORIGIN 90%**

## COMPOSITION

Dehydrated pork and poultry proteins, Lignocellulose, Potato starch (min. 4%), Hydrolysed pork and poultry proteins, Animal fats, Rice (min. 4%), Peas, Minerals, Faba bean hulls, Linseed, Beet pulp, Brewers yeast, Psyllium fibre (*Plantago (L.) spp.*), Fructo-oligosaccharides, Hydrolysed crustacean (source of chitosan), Chondroitin sulphate, *Lactobacillus acidophilus*.

## SPECIFIC INGREDIENTS/ADDITIVES

• Bentonite	<b>5g/kg</b>
• Pasteurised <i>Lactobacillus acidophilus</i>	<b>7 mg/kg</b>
• L-carnitine	<b>540 mg/kg</b>
• Pentasodium triphosphate	<b>0.35%</b>
• Chitosan	<b>800 mg/kg</b>

## FEEDING GUIDELINES



Body Weight (kg)	Daily ration (g/day)		
	Soft weight loss	Indoor exclusive	Indoor & Outdoor
2	22	25	25
3	33	35	40
4	44	50	55
5	55	60	70
6	65	75	80
7	76	85	95
8	87	100	110
9	98	110	125
10	109	125	135

Quantities may vary depending on the breed of cat.



## GLOBAL PREVENTIVE PROFILE

**Neutered adult cats are at higher risk of weight gain and FLUTD (Feline Lower Urinary Tract Disease).**

### Body Weight Control



The low energy content of the diet limits the level of calorie intake. The increased fibre content helps achieve satiety. The L-carnitine supplement helps to limit fatty tissue deposition.

### Urinary Health



The high level of animal protein stimulates water intake, increases the volume of urine and helps stabilise the pH, for a healthy urinary system. The chitosan supplement, a digestive chelating agent for phosphorus, limits the excretion of the latter in the urine for improved prevention of struvite crystal formation.

### Healthy Renal Function



The high levels of protein contribute to effective water turnover. The controlled phosphorus content helps to maintain healthy renal function.

### Dental Tartar Control



The pentasodium triphosphate supplement helps to limit dental plaque and tartar formation and ensure good oral and dental health.

### Skin and Coat Support



The high levels of animal protein, sources of sulphur-containing amino acids, and the balance of omega-3 and omega-6 essential fatty acids contribute to epidermal barrier functions and help to improve the quality of sebaceous secretions to promote a healthy and shiny coat.

### Low Glycaemic Index



The low starch content helps ensure stable blood glucose levels.

### High Digestive Tolerance



The low starch content takes into consideration the low amylase digestive activity in cats. The choice of soluble and insoluble dietary fibres (prebiotic) and the *Lactobacillus* supplement (probiotic) regulate intestinal transit and help ensure a balanced digestive flora. Bentonite helps to protect the digestive mucosa and contributes to the elimination of well-formed stools.

## RENAL SAFETY :



**40**  
MONTHS  
FOLLOW UP

**NO NEGATIVE IMPACT  
ON THE RENAL  
BIOMARKERS (1)**



<sup>(1)</sup> I Leriche, A Franchi, C Bouchez. Forty month-follow up of renal function in cats fed a high-protein diet. SEVC 2020

# NEUTERED & ENTIRE CAT



## AVAILABLE SIZES

1.5 kg, 3 kg, 7 kg

## INDICATION

Complete diet for **adult cats**:

- **Neutered** and **entire** from **one year old**.

## ANALYTICAL CONSTITUENTS

(% as fed)

• Moisture	<b>5.5</b>
• Protein	<b>44</b>
• Animal to vegetable protein ratio	<b>91:09</b>
• Fat	<b>16</b>
• Minerals	<b>8.5</b>
• Crude cellulose	<b>6</b>
• NFE*	<b>20</b>
• Starch	<b>13.5</b>
• Calcium	<b>1.3</b>
• Phosphorus	<b>1.1</b>
• Ca/P ratio	<b>1.2</b>
• Sodium	<b>0.7</b>
• Omega-6	<b>2.8</b>
• Omega-3	<b>0.8</b>

## NUTRITIONAL VALUES

• ME** calculated (kcal/100g)***	<b>384</b>
• ME** measured in vivo (kcal/100g)	<b>377</b>
• Energy from protein (%)	<b>43</b>
• Energy from fat (%)	<b>38</b>
• Energy from NFE (%)	<b>19</b>
• Urinary pH	<b>6.0 - 6.5</b>
• Struvite RSS	<b>&lt;2.5</b>
• Oxalate RSS	<b>&lt;12</b>
• Digestibility protein (%)	<b>82</b>
• Digestibility fat (%)	<b>91.5</b>

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

## COMPOSITION

Dehydrated pork and poultry proteins, Potato starch (min. 4%), Animal fats, Hydrolysed pork and poultry proteins, Peas, Minerals, Faba bean hulls, Dehydrated salmon protein (min. 4%), Rice (min. 4%), Lignocellulose, Linseed, Beet pulp, Brewers yeast, Psyllium fibre (*Plantago (L.) spp.*), Fructo-oligosaccharides, Hydrolysed crustacean (source of chitosan), Chondroitin sulphate, *Lactobacillus acidophilus*.

## SPECIFIC INGREDIENTS/ADDITIVES

• Bentonite	<b>5g/kg</b>
• Pasteurised <i>Lactobacillus acidophilus</i>	<b>7 mg/kg</b>
• L-carnitine	<b>540 mg/kg</b>
• Pentasodium triphosphate	<b>0.35%</b>
• Chitosan	<b>800 mg/kg</b>

## FEEDING GUIDELINES



Body Weight (kg)	Daily ration (g/day)			
	Neutered		Entire	
	Indoor exclusive	Indoor & Outdoor	Indoor exclusive	Indoor & Outdoor
2	25	25	30	30
3	35	40	40	45
4	45	50	55	65
5	55	65	70	80
6	70	75	85	95
7	80	90	100	110
8	90	100	115	125
9	100	115	125	140
10	115	125	140	155

These amounts are indicative and may vary depending on the breed of cat.

LOW CARBOHYDRATE (NFE) **20%**

HIGH PROTEIN **44%**

of ANIMAL ORIGIN **91%**



NUTRITION  
FOR CARNIVORES



GLOBAL  
PREVENTIVE  
PROFILE



## GLOBAL PREVENTIVE PROFILE

**Many cats, entire or neutered, are predisposed to weight gain due to sedentary or indoor lifestyles.**

### Optimal Body Weight



The optimised energy balance helps maintain a healthy weight with ideal body condition (lean mass / fat mass ratio). The L-carnitine supplement helps to preserve muscle mass and limit fatty tissue deposition.

### Urinary Health



The high level of animal protein stimulates water intake, increases the volume of urine and helps stabilise the pH, for a healthy urinary system. The chitosan supplement, a digestive chelating agent for phosphorus, helps to limit the excretion of the latter in the urine for improved prevention of struvite crystal formation.

### Healthy Renal Function



The high levels of protein contribute to effective water turnover. The controlled phosphorus content helps to maintain healthy renal function.

### Dental Tartar Control



The pentasodium triphosphate supplement helps to limit dental plaque and tartar formation and ensure good oral and dental health.

### Skin and Coat Support



The high levels of animal protein, sources of sulphur-containing amino acids, and the balance of omega-3 and omega-6 essential fatty acids contribute to the epidermal barrier function and help to improve the quality of sebaceous secretions to contribute to a healthy and shiny coat.

### High Digestive Tolerance



The low starch content takes into consideration the low amylase digestive activity in cats. The choice of soluble and insoluble dietary fibres (prebiotic) and the *Lactobacillus* supplement (probiotic) regulate intestinal transit and help ensure a balanced digestive flora. Bentonite helps to protect the digestive mucosa and contributes to the elimination of well-formed stools.

### Low Glycaemic Index



The low starch content helps to ensure stable blood glucose levels.





# NEUTERED CAT



## AVAILABLE SIZES

12x85g box

## INDICATION

Complete diet for **adult cats**:

- **Neutered** from **one year old**.

**LOW CARBOHYDRATE (NFE) 2.4%**

**HIGH PROTEIN 11.5%**

**of ANIMAL ORIGIN 90%**

## ANALYTICAL CONSTITUENTS

(% as fed)

• Moisture	79
• Protein	11.5
• Animal to vegetable protein ratio	90:10
• Fat	4
• Minerals	2.3
• Crude cellulose	0.8
• NFE*	2.4
• Calcium	0.20
• Phosphorus	0.17
• Sodium	0.30
• Omega-6	0.90
• Omega-3	0.22

## NUTRITIONAL VALUES

• ME calculated** (kcal/100g)***	89
• Energy from protein (%)	50
• Energy from fat (%)	39
• Energy from NFE (%)	11
• Urinary pH	6.0 - 6.5
• Struvite RSS	<2.5
• Oxalate RSS	<12

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\* Calculated with NRC 2006

## COMPOSITION

**Chunks (50%):** pork kidney, chicken liver, pork lung lobe, salmon, chicken gizzard, pork plasma, minerals and vitamins, chicken skin, pea protein extract, digest, lignocellulose, cellulose, sunflower oil, potato starch, caramel.

**Gravy (50%):** water, potato starch, caramel.

## SPECIFIC INGREDIENTS/ADDITIVES

• Bentonite	900mg/kg
-------------	----------

## FEEDING GUIDELINES



Quantities may vary depending on the breed of cat. The VETERINARY HPM<sup>®</sup> Adult Wet with Salmon is a complete diet and can therefore be offered either alone or in combination with a VETERINARY HPM<sup>®</sup> adult dry diet.

### When feeding exclusively with Adult Wet with Salmon (Pouch/day)

Body Weight (Kg)	Neutered and indoor	Neutered and indoor + outdoor
2	1	1.5
3	1.5	2
4	2.5	2.5
5	3	3
6	3.5	4
7	4	4.5
8	4.5	5
9	5	5.5
10	5.5	6.5

### When feeding with both Adult Wet with Salmon and Adult Neutered dry

BW (Kg)	Neutered and indoor		Neutered and indoor + outdoor	
	Wet (Pouch/day)	Dry (g/day)	Wet (Pouch/day)	Dry (g/day)
2	0.5	15	0.5	15
3	0.5	25	1	20
4	1	30	1	35
5	1	40	1	45
6	1	50	1	60
7	2	45	2	50
8	2	55	2	65
9	2	65	2	80
10	2	80	2	95

\*Quantities may vary depending on the breed of cat.



# ADULT

## WET With Salmon



### GLOBAL PREVENTIVE PROFILE

**Neutered adult cats are at higher risk of weight gain and FLUTD (Feline Lower Urinary Tract Disease).**

#### Optimal Body Weight



The low energy content, the energy balance (Protein:Fat:Carbohydrate), and the adapted feeding recommendations help maintain a healthy weight. The high water content helps with satiety.

#### Urinary Health



The water content naturally increases urine volume and reduces urine specific gravity. High protein levels help stabilise the pH for a healthy urinary system.

#### Supports Hydration



The water content in the diet naturally increases total water intake (food water + drinking water) for optimal water turn-over in the body.

#### High Digestive Tolerance



Carefully selected high-quality ingredients and a high proportion of ingredients of animal origin respect the carnivorous nature and digestive sensitivity of cats.

#### High Palatability



High proportion of ingredients of animal origin (87%) and the formulation (high protein - very low carbohydrate) help to meet the natural preference of domestic cats.



# NEUTERED CAT



## AVAILABLE SIZES

1.5 kg, 3 kg, 7 kg

## INDICATION

Complete diet for **cats**:

- **Neutered** over **10 years old**.

## ANALYTICAL CONSTITUENTS

(% as fed)

• Moisture	<b>5.5</b>
• Protein	<b>38</b>
• Animal to vegetable protein ratio	<b>89:11</b>
• Fat	<b>16</b>
• Minerals	<b>7.5</b>
• Crude cellulose	<b>7.5</b>
• NFE*	<b>25.5</b>
• Starch	<b>18</b>
• Calcium	<b>1.1</b>
• Phosphorus	<b>0.8</b>
• Ca/P ratio	<b>1.4</b>
• Sodium	<b>0.5</b>
• Omega-6	<b>2.8</b>
• Omega-3	<b>0.9</b>

## NUTRITIONAL VALUES

• ME** calculated (kcal/100g)***	<b>377</b>
• ME** measured in vivo (kcal/100g)	<b>360</b>
• Energy from protein (%)	<b>37</b>
• Energy from fat (%)	<b>38</b>
• Energy from NFE (%)	<b>25</b>
• Urinary pH	<b>6.2 - 6.7</b>
• Struvite RSS	<b>&lt;2.5</b>
• Oxalate RSS	<b>&lt;12</b>
• Digestibility protein (%)	<b>84.5</b>
• Digestibility fat (%)	<b>93</b>

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

## COMPOSITION

Dehydrated pork and poultry proteins, Potato starch (min. 4%), Faba bean hulls, Animal fats, Hydrolysed pork and poultry proteins, Peas, Minerals, Rice (min. 4%), Lignocellulose, Beet pulp, Brewers yeast, Linseed, Fish oil, Psyllium fibre (*Plantago (L.) spp.*), Fructo-oligosaccharides, Hydrolysed crustacean (source of chitosan), Chondroitin sulphate, *Lactobacillus acidophilus*.

## SPECIFIC INGREDIENTS/ADDITIVES

• Bentonite	<b>5g/kg</b>
• Pasteurised <i>Lactobacillus acidophilus</i>	<b>7 mg/kg</b>
• L-carnitine	<b>540 mg/kg</b>
• Pentasodium triphosphate	<b>0.05%</b>
• Chitosan	<b>800 mg/kg</b>
• Chondroitin sulphate	<b>800 mg/kg</b>

## FEEDING GUIDELINES



Body Weight (kg)	Daily ration (g/day)	
	Indoor exclusive	Indoor & Outdoor
2	25	30
3	40	40
4	50	55
5	65	70
6	75	85
7	90	100
8	100	110
9	115	125
10	125	140

\*Quantities may vary depending on the breed of cat.

LOW CARBOHYDRATE (NFE) **25.5%**

HIGH PROTEIN **38%**

of ANIMAL ORIGIN **89%**



## GLOBAL PREVENTIVE PROFILE

**Senior cats often have a decreased appetite and are predisposed to weight loss and muscle wastage. Many body functions are affected by ageing mechanisms.**

### Body Weight Control



The energy density is moderately high in order to compensate for the loss of appetite and digestive capability observed in older cats and to help maintain optimal body weight.

### Helps to Maintain Renal Function



The reduced phosphorus content and its digestive chelation by chitosan assist in maintaining healthy renal function.

### Low Phosphorus Level



The phosphorus content is 25% lower in comparison with the adult formula. Furthermore, it has reduced bio-availability due to the chitosan supplement which acts as a digestive chelating agent.<sup>2</sup>

### Dental Tartar Control



The pentasodium triphosphate supplement helps to limit dental plaque and tartar formation and ensure good oral and dental health.

### Urinary Health



The high level of animal protein stimulates water intake, increases the volume of urine and helps stabilise the pH, for a healthy urinary system. The chitosan supplement, a digestive chelating agent for phosphorus, helps to limit the excretion of the latter in the urine for improved prevention of struvite crystal formation.

### Low Glycaemic Index



The low starch content helps to ensure stable blood glucose levels.

### Joint and Muscle Support



The appropriate level of protein helps maintain muscle mass. The chondroitin and chitosan supplements help to maintain strong and elastic joints.

### High Digestive Tolerance



The low starch content takes into consideration the low amylase digestive activity in cats. The choice of soluble and insoluble dietary fibres (prebiotic) and the *Lactobacillus* supplement (probiotic) regulate intestinal transit and help to ensure a balanced digestive flora. Bentonite helps to protect the digestive mucosa and contributes to the elimination of well-formed stools.

### Skin and Coat Support



The animal proteins with high levels of sulphur-containing amino acids, and the balance of omega-6 and omega-3 essential fatty acids contribute to skin and coat renewal and help to maintain the epidermal barrier function.

### Low-allergen Formulation



The product contains no maize, wheat, gluten, soya, egg or fish\*.



\*May contain traces. Not suited for full hypoallergenic use.

# FEEDING TABLES

## DRY CAT RANGE

**TABLE 1:  
GESTATION & LACTATION**

BW (kg)	DAILY RATION (g/day)	
	BABY	
	1 <sup>st</sup> MONTH GESTATION	2 <sup>nd</sup> MONTH GESTATION
	ENTIRE	
2	30	45
2.5	35	60
3	45	70
3.5	50	80
4	60	95
4.5	65	105
5	75	115
5.5	80	130
6	85	140
6.5	95	150
7	100	165
7.5	110	175
8	115	185
8.5	125	200
9	130	210
10	145	235

Quantities may vary depending on the breed of cat. During gestation, use the initial bodyweight. During lactation, the queen may be fed *ad libitum*.

**TABLE 2: GROWTH**

BW (kg)	DAILY RATION (g/day)					
	BABY			JUNIOR		
	3-5 MONTHS	6-8 MONTHS	9-12 MONTHS	3-5 MONTHS	6-8 MONTHS	9-12 MONTHS
	ENTIRE			NEUTERED		
0.5	15	10	10	15	10	10
1	30	25	15	25	20	15
1.5	45	35	25	40	30	25
2	60	45	35	50	40	30
2.5	75	60	45	65	50	40
3	85	70	50	75	60	45
3.5	100	80	60	90	70	55
4	115	95	70	100	80	60
4.5	130	105	80	115	90	70
5	145	115	85	125	100	75
5.5	160	130	95	140	110	85
6	175	140	105	150	120	90
6.5	190	150	115	165	130	100
7	205	165	120	175	140	105
7.5	220	175	130	190	150	115
8	235	185	140	200	160	120
8.5	250	200	150	215	170	130
9	260	210	155	225	180	135
10	290	235	175	250	200	150



TABLE 3: ADULT & SENIOR

DAILY RATION (g/day)									
BW (kg)	ADULT			ADULT SALMON				SENIOR	
	NEUTERED			NEUTERED		ENTIRE		NEUTERED	
	SOFT WEIGHT LOSS	INDOOR EXCLUSIVE	INDOOR & OUTDOOR	INDOOR EXCLUSIVE	INDOOR & OUTDOOR	INDOOR EXCLUSIVE	INDOOR & OUTDOOR	INDOOR EXCLUSIVE	INDOOR & OUTDOOR
2	22	25	25	25	25	30	30	25	30
2.5	27	30	35	30	30	35	40	30	35
3	33	35	40	35	40	40	45	40	40
3.5	38	45	50	40	45	50	55	45	50
4	44	50	55	45	50	55	65	50	55
4.5	49	55	60	50	55	65	70	55	65
5	55	60	70	55	65	70	80	65	70
5.5	60	70	75	60	70	75	85	70	75
6	65	75	80	70	75	85	95	75	85
6.5	71	80	90	75	80	90	100	80	90
7	76	85	95	80	90	100	110	90	100
7.5	82	90	100	85	95	105	115	95	105
8	87	100	110	90	100	115	125	100	110
8.5	93	105	115	95	105	120	135	105	120
9	98	110	125	100	115	125	140	115	125
10	109	125	135	115	125	140	155	125	140

# FEEDING TABLES

## WET CAT RANGE

When feeding exclusively with Adult Wet with Salmon (Pouch/day)		
Body Weight (Kg)	Neutered and indoor	Neutered and indoor + outdoor
2	1	1.5
3	1.5	2
4	2.5	2.5
5	3	3
6	3.5	4
7	4	4.5
8	4.5	5
9	5	5.5
10	5.5	6.5

When feeding with both Adult Wet with Salmon and Adult Neutered Dry				
BW (Kg)	Neutered and indoor		Neutered and indoor + outdoor	
	Wet (Pouch/day)	Dry (g/day)	Wet (Pouch/day)	Dry (g/day)
2	0.5	15	0.5	15
3	0.5	25	1	20
4	1	30	1	35
5	1	40	1	45
6	1	50	1	60
7	2	45	2	50
8	2	55	2	65
9	2	65	2	80
10	2	80	2	95





DOG RANGE

VETERINARY<sup>®</sup>  
**HPM**



## DOG RANGE



# LIFESTAGE RANGE

## DOG RANGE

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## AVAILABLE SIZES

	SMALL & TOY DOG			NEUTERED DOG					LARGE & MEDIUM DOG				
	BABY	ADULT	SENIOR	ADULT SMALL & TOY	SENIOR SMALL & TOY	ADULT LARGE & MEDIUM	ADULT SENSITIVE DIGEST	SENIOR LARGE & MEDIUM	BABY	JUNIOR SPECIAL MEDIUM	JUNIOR SPECIAL LARGE	ADULT	SENIOR
1.5kg	X	X	X	X	X								
3kg	X	X	X	X	X	X	X	X	X	X	X	X	X
7kg		X	X	X	X	X			X			X	
12kg						X	X	X	X	X	X	X	X



# ANALYTICAL CONSTITUENTS

AS FED (%)	SMALL & TOY			NEUTERED				
	BABY	ADULT	SENIOR	ADULT SMALL & TOY	SENIOR SMALL & TOY	ADULT LARGE & MEDIUM	SENSITIVE DIGEST	SENIOR LARGE & MEDIUM
Moisture	9	9	9	9	9	9	9	9
Protein	35	34	32	34	32	34	29	32
Animal to vegetable protein ratio	90:10	86:14	84:16	86:14	84:16	88:12	88:12	83:17
Fat	21	17	14	13.5	12	13.5	14	12
Minerals	7.5	7.5	6.5	7.5	6.5	7.5	7.5	6.5
Crude Cellulose	4	5	9.5	10.5	10.5	10.5	7.5	10.5
Total dietary Fibre	8	9.5	15.5	16.5	16	16.5	11.5	16
Starch	19	21	22	18	22	18	26	22
Calcium	1.2	1.3	1.1	1.3	1.1	1.3	1.3	1.1
Phosphorus	1.1	1.1	0.7	1.1	0.7	1.1	1.0	0.7
Ca/P Ratio	1.1	1.2	1.6	1.2	1.6	1.2	1.3	1.6
Sodium	0.5	0.5	0.4	0.5	0.4	0.5	0.4	0.4
Potassium	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Magnesium	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Omega-6	2.5	2.2	2.2	2.2	2	2.2	2.2	2
Omega-3	1	0.8	0.9	0.9	0.9	0.9	0.7	0.9
Nitrogen Free Extract	23.5	27.5	29	25.5	30	25.5	33	30
Calculated metabolisable energy (NRC 2006) Kcal/100g)	396	370	327	315	311	315	338	311
In vivo measured metabolisable energy (Kcal/100g)	396	386	332	317	320	317	345	320
Protein to calorie ratio (NRC 2006) (g/Mcal)	88	92	98	108	103	108	86	103
Energy from protein (%)	32	33	34	37	35	37	30	35
Energy from fat (%)	47	41	36	36	32	36	36	32
Energy from NFE (%)	21	26	30	27	33	27	34	33
Urinary pH	6.5 - 6.9	6.3 - 6.7	6.5 - 6.9	6.3 - 6.7	6.5 - 6.9	6.3 - 6.7	6.3 - 6.7	6.5 - 6.9
Struvite RSS	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Oxalate RSS	<12	<12	<12	<12	<12	<12	<12	<12



AS FED (%)	SMALL & TOY			NEUTERED				
	BABY	ADULT	SENIOR	ADULT SMALL & TOY	SENIOR SMALL & TOY	ADULT LARGE & MEDIUM	SENSITIVE DIGEST	SENIOR LARGE & MEDIUM

#### Added vitamins and trace elements:

Vitamin A (IU/kg)	11000	11000	11000	11000	11000	11000	11000	11000
Vitamin D3 (IU/kg)	1100	1100	1100	1100	1100	1100	1100	1100
Vitamin E (mg/kg)	140	570	570	570	570	570	570	570
Vitamin B1 (thiamine) (mg/kg)	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
Vitamin B2 (riboflavin) (mg/kg)	11	11	11	11	11	11	11	11
Vitamin B3 (PP, niacin, nicotinic ac) (mg/kg)	30	30	30	30	30	30	30	30
Vitamin B5 (pantothenic ac) (mg/kg)	26	26	26	26	26	26	26	26
Vitamin B6 (pyridoxine) (mg/kg)	3	3	3	3	3	3	3	3
Vitamin B9 (folic ac) (mg/kg)	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
Vitamin B12 (cobalamin) (mg/kg)	0.062	0.062	0.062	0.062	0.062	0.062	0.062	0.062
Choline (mg/kg)	740	740	740	740	740	740	740	740
Taurine (mg/kg)	1500	1500	1500	1500	1500	1500	1500	1500
Copper (mg/kg)	15	15	15	15	15	15	15	15
Iron (mg/kg)	25	25	25	25	25	25	25	25
Iodine (mg/kg)	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Zinc (mg/kg)	120	120	120	120	120	120	120	120

#### Specific functional ingredients / additives:

Bentonite (g/kg)	5	5	5	5	5	5	8	5
<i>Lactobacillus acidophilus</i> (mg/kg)	7	7	7	7	7	7	7	7
Beta-glucan (mg/kg)	500	0	0	0	0	0	0	0
Ascophyllum nodosum (g/kg)	2	2	2	2	2	0	0	0
L-carnitine (mg/kg)	330	330	330	330	330	330	330	330
Chitosan (mg/kg)	0	0	0	0	430	215	215	430
Chondroitine sulphate (mg/kg)	0	0	430	0	430	215	215	430
<i>Yucca schidigera</i> (%)							0.06	

# ANALYTICAL CONSTITUENTS

AS FED (%)	LARGE & MEDIUM				
	BABY	JUNIOR MEDIUM	JUNIOR LARGE	ADULT	SENIOR
Moisture	9	9	9	9	9
Protein	35	35	35	34	32
Animal to vegetable protein ratio	89:11	89:11	87:13	87:13	84:16
Fat	21	19	15	17	14
Minerals	7.5	7.5	7.5	7.5	6.5
Crude Cellulose	4	4.5	5.5	5	9.5
Total dietary Fibre	8	8	10	9.5	15.5
Starch	19	20	22	21	22
Calcium	1.2	1.2	1.1	1.3	1.1
Phosphorus	1.0	1.0	0.9	1.1	0.7
Ca/P Ratio	1.2	1.2	1.2	1.2	1.6
Sodium	0.5	0.5	0.5	0.5	0.4
Potassium	0.7	0.7	0.7	0.7	0.7
Magnesium	0.1	0.1	0.1	0.1	0.1
Omega-6	2.5	2.4	2.6	2.2	2.2
Omega-3	1	0.9	0.9	0.8	0.9
Nitrogen Free Extract	23.5	25	28	27.5	29
Calculated metabolisable energy (Nrc 2006) Kcal/100g)	396	384	358	370	327
In vivo measured metabolisable energy (Kcal/100g)	396	388	379	386	332
Protein to calorie ratio (NRC 2006) (g/Mcal)	88	91	98	92	98
Energy from protein (%)	32	33	35	33	34
Energy from fat (%)	47	43	37	41	36
Energy from NFE (%)	21	24	28	26	30
Urinary Ph	6.5 - 6.9	6.3 - 6.7	6.3 - 6.7	6.3 - 6.7	6.5 - 6.9
Struvite RSS	<2.5	<2.5	<2.5	<2.5	<2.5
Oxalate RSS	<12	<12	<12	<12	<12



AS FED (%)	LARGE & MEDIUM				
	BABY	JUNIOR MEDIUM	JUNIOR LARGE	ADULT	SENIOR
<b>Added vitamins and trace elements:</b>					
Vitamin A (IU/kg)	11000	11000	11000	11000	11000
Vitamin D3 (IU/kg)	1100	1100	1100	1100	1100
Vitamin E (mg/kg)	140	140	140	570	570
Vitamin B1 (thiamine) (mg/kg)	3.8	3.8	3.8	3.8	3.8
Vitamin B2 (riboflavin) (mg/kg)	11	11	11	11	11
Vitamin B3 (PP, niacin, nicotinic ac) (mg/kg)	30	30	30	30	30
Vitamin B5 (pantothenic ac) (mg/kg)	26	26	26	26	26
Vitamin B6 (pyridoxine) (mg/kg)	3	3	3	3	3
Vitamin B9 (folic ac) (mg/kg)	0.48	0.48	0.48	0.48	0.48
Vitamin B12 (cobalamin) (mg/kg)	0.062	0.062	0.062	0.062	0.062
Choline (mg/kg)	740	740	740	740	740
Taurine (mg/kg)	1500	1500	1500	1500	1500
Copper (mg/kg)	15	15	15	15	15
Iron (mg/kg)	25	25	25	25	25
Iodine (mg/kg)	1.1	1.1	1.1	1.1	1.1
Zinc (mg/kg)	120	120	120	120	120
<b>Specific functional ingredients / additives:</b>					
Bentonite (g/kg)	5	5	5	5	5
<i>Lactobacillus acidophilus</i> (mg/kg)	7	7	7	7	7
Beta-glucan (mg/kg)	500	0	0	0	0
Pentasodium triphosphate (%)	0	0	0	0	0
L-carnitine (mg/kg)	330	330	330	330	330
Chitosan (mg/kg)	0	0	215	215	430
Chondroitine sulphate (mg/kg)	0	0	215	215	430
Yucca schidigera (%)					

# ANALYTICAL CONSTITUENTS

ON DRY MATTER (%)	SMALL			NEUTERED				
	BABY	ADULT	SENIOR	ADULT SMALL & TOY	SENIOR SMALL & TOY	ADULT LARGE & MEDIUM	SENSITIVE DIGEST	SENIOR LARGE & MEDIUM
Protein	38.5	37.4	35.2	37.4	35.2	37.4	31.9	35.2
Fat	23.1	18.7	15.4	14.8	13.2	14.8	15.4	13.2
Minerals	8.2	8.2	7.1	8.2	7.1	8.2	8.2	7.1
Crude Cellulose	4.4	5.5	10.4	11.5	11.5	11.5	8.2	11.5
Total dietary Fibre	8.8	10.4	17.0	18.1	17.6	18.1	12.6	17.6
Starch	20.9	23.1	24.2	19.8	24.2	19.8	28.6	24.2
Calcium	1.3	1.4	1.2	1.4	1.2	1.4	1.4	1.2
Phosphorus	1.2	1.2	0.8	1.2	0.8	1.2	1.1	0.8
Ca/P Ratio	1.1	1.2	1.5	1.2	1.6	1.2	1.3	1.5
Sodium	0.5	0.5	0.4	0.5	0.4	0.5	0.4	0.4
Potassium	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Magnesium	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Omega-6	2.7	2.4	2.4	2.4	2.2	2.4	2.4	2.2
Omega-3	1.1	0.9	1.0	1.0	1.0	1.0	0.8	1.0
Nitrogen Free Extract	25.8	30.2	31.9	28	33.0	28	36.3	33.0
Calculated metabolisable energy (Nrc 2006) Kcal/100g)	435	407	359	346	342	346	371	342

ON 1000 KCAL (G)	SMALL			NEUTERED				
	BABY	ADULT	SENIOR	ADULT SMALL & TOY	SENIOR SMALL & TOY	ADULT LARGE & MEDIUM	SENSITIVE DIGEST	SENIOR LARGE & MEDIUM
Protein	88.4	91.9	97.9	104.9	102.9	104.9	85.8	102.9
Fat	53.0	45.9	42.8	42.9	38.6	42.9	41.4	38.6
Minerals	18.9	20.3	19.9	23.1	20.9	23.1	22.2	20.9
Crude Cellulose	10.1	13.5	29.1	33.3	33.8	33.3	22.2	33.8
Total dietary Fibre	20.2	25.7	47.4	52.4	51.4	52.4	34.0	51.4
Starch	48.0	56.8	67.3	55.6	70.7	55.6	76.9	70.7
Calcium	3.0	3.5	3.4	4.0	3.5	4.0	3.8	3.5
Phosphorus	2.8	3.0	2.1	3.4	2.3	3.4	3.0	2.3
Ca/P Ratio	1.1	1.2	1.6	1.2	1.6	1.2	1.3	1.6
Sodium	1.3	1.4	1.2	1.5	1.3	1.5	1.2	1.3
Potassium	1.8	1.9	2.1	2.2	2.3	2.2	2.1	2.3
Magnesium	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Omega-6	6.3	5.9	6.7	6.8	6.4	6.8	6.5	6.4
Omega-3	2.5	2.2	2.8	2.8	2.9	2.8	2.1	2.9
Nitrogen Free Extract	59.3	74.3	88.7	81	96.5	81	97.6	96.5





ON DRY MATTER (%)	LARGE & MEDIUM				
	BABY	JUNIOR MEDIUM	JUNIOR LARGE	ADULT	SENIOR
Protein	38.5	38.5	38.5	37.4	35.2
Fat	23.1	20.9	16.5	18.7	15.4
Minerals	8.2	8.2	8.2	8.2	7.1
Crude Cellulose	4.4	4.9	6.0	5.5	10.4
Total dietary Fibre	8.8	8.8	11.0	10.4	17.0
Starch	20.9	22.0	24.2	23.1	24.2
Calcium	1.3	1.3	1.2	1.4	1.2
Phosphorus	1.1	1.1	1.0	1.2	0.8
Ca/P Ratio	1.2	1.2	1.2	1.2	1.5
Sodium	0.5	0.5	0.5	0.5	0.4
Potassium	0.8	0.8	0.8	0.8	0.8
Magnesium	0.1	0.1	0.1	0.1	0.1
Omega-6	2.7	2.6	2.9	2.4	2.4
Omega-3	1.1	1.0	1.0	0.9	1.0
Nitrogen Free Extract	25.8	27.5	30.8	30.2	31.9
Calculated metabolisable energy (Nrc 2006) Kcal/100g	435	422	393	407	359

ON 1000 KCAL (G)	LARGE & MEDIUM				
	BABY	JUNIOR MEDIUM	JUNIOR LARGE	ADULT	SENIOR
Protein	88.4	91.1	97.8	91.9	97.9
Fat	53.0	49.5	41.9	45.9	42.8
Minerals	18.9	19.5	20.9	20.3	19.9
Crude Cellulose	10.1	11.7	15.4	13.5	29.1
Total dietary Fibre	20.2	20.8	27.9	25.7	47.4
Starch	48.0	52.1	61.5	56.8	67.3
Calcium	3.0	3.1	3.1	3.5	3.4
Phosphorus	2.5	2.6	2.5	3.0	2.1
Ca/P Ratio	1.2	1.2	1.2	1.2	1.6
Sodium	1.3	1.3	1.4	1.4	1.2
Potassium	1.8	1.8	2.0	1.9	2.1
Magnesium	0.3	0.3	0.3	0.3	0.3
Omega-6	6.3	6.3	7.3	5.9	6.7
Omega-3	2.5	2.3	2.5	2.2	2.8
Nitrogen Free Extract	59.3	65.1	78.2	74.3	88.7

# SMALL & TOY DOG



**AVAILABLE SIZES**  
1.5 kg, 3 kg

## INDICATION

Complete diet for **small breed puppies**:

- Adult weight (< 10 kg) up to **10 months old**.

Complete diet for **small breed bitches**:

- **Pregnant/Lactating**

## ANALYTICAL CONSTITUENTS

(% as fed)

• Moisture	<b>9</b>
• Protein	<b>35</b>
• Animal to vegetable protein ratio	<b>90:10</b>
• Fat	<b>21</b>
• Minerals	<b>7.5</b>
• Crude cellulose	<b>4</b>
• NFE*	<b>23.5</b>
• Starch	<b>19</b>
• Calcium	<b>1.2</b>
• Phosphorus	<b>1.1</b>
• Ca/P ratio	<b>1.1</b>
• Sodium	<b>0.5</b>
• Omega-6	<b>2.5</b>
• Omega-3	<b>1</b>

## NUTRITIONAL VALUES

• ME** calculated (kcal/100g)***	<b>396</b>
• ME** measured in vivo (kcal/100g)	<b>396</b>
• Energy from protein (%)	<b>32</b>
• Energy from fat (%)	<b>47</b>
• Energy from NFE (%)	<b>21</b>
• Urinary pH	<b>6.5 - 6.9</b>
• Struvite RSS	<b>&lt;2.5</b>
• Oxalate RSS	<b>&lt;12</b>
• Digestibility protein (%)	<b>86</b>
• Digestibility fat (%)	<b>96.5</b>

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

**LOW CARBOHYDRATE (NFE) 23.5%**

**HIGH PROTEIN 35%**

**of ANIMAL ORIGIN 90%**

## COMPOSITION

Dehydrated pork and poultry proteins, Rice, Pork fat, Pea, Lignocellulose, Hydrolysed pork and poultry proteins, Minerals, Beet pulp, Linseed, Fish oil, Psyllium fibre (*Plantago (L.) spp.*), Fructo-oligosaccharides, Brewers yeast (source of betaglucan), Seaweed meal (*Ascophyllum nodosum*), inactivated *Lactobacillus acidophilus*.

## SPECIFIC INGREDIENTS/ADDITIVES

• Beta-glucan	<b>500 mg/kg</b>
• Bentonite	<b>5g/kg</b>
• Pasteurised <i>Lactobacillus acidophilus</i>	<b>7 mg/kg</b>
• L-carnitine	<b>330 mg/kg</b>
• <i>Ascophyllum nodosum</i>	<b>2g/kg</b>

## FEEDING GUIDELINES

Body Weight (kg)	Daily ration (g/day)					
	Age (month)					
	2	3	4-6	7	8-9	10
0.5	50	45	35	35		
1	80	70	60	55	45	40
1.5	105	90	75	70	60	50
2	125	110	95	85	75	65
3	165	145	125	110	100	80
4	200	175	150	135	120	100
5		200	175	155	140	115
6			195	175	155	130
7				195	175	145
8				215	190	160
9					205	170
10						185

\*Quantities may vary depending on the breed and activity level of the puppy.

See page 68 for use in gestation and lactation.



## GLOBAL PREVENTIVE PROFILE

**Small and toy breed puppies have high energy, protein and minerals requirements, due to fast growth over a short period of time. They have a delicate digestive system and an immature immune system.**

### Special Rapid Growth (> 10 months)



The high energy density and high degree of digestibility of the food provide a concentrated diet which covers the requirements for intense and rapid growth. The high protein content, with balanced calcium and phosphorus levels, contributes to a healthy growth.

### High Energy Level



With its high fat content, the energy density of the diet is high, in order to meet the intense requirements for growth.

### Immune Support



The beta-glucan supplement promotes the development of a puppy's own defence system and helps to improve vaccine response.<sup>3</sup>

### High Digestive Tolerance <sup>(1)</sup>



The low starch content takes into account the immature amylase digestive activity. *Lactobacilli* (probiotic) help to stimulate the growth of protective acidogenic flora. They contribute to local immunity. Bentonite helps to protect the digestive mucosa, can help to limit inflammatory and infectious processes and aids normal stool odour and consistency. Soluble fibres (prebiotics) contribute to the normal growth of digestive flora and to the integrity of the colonic mucosa.

### Oral & Dental Health



*Ascophyllum nodosum*, a natural brown algae, is included to help manage dental health. *Ascophyllum nodosum* has been shown to limit plaque and tartar formation and to reduce halitosis.

### Skin and Coat Support



The high levels of animal proteins, sources of sulphur-containing amino acids and the balance of omega-3 and omega-6 essential fatty acids contribute to the development of epidermal barrier functions and the formation of the puppy's coat.

### Low-allergen Formulation



The product contains no maize, wheat, gluten, soya, egg or fish\*.



\*May contain traces. Not suited for full hypoallergenic use.

(1) G. Chaix et al. Questionnaire-based pet owner evaluation of gastrointestinal tolerance of a new high protein low carbohydrate diet range in growing dogs. Intern J Appl Res Vet Med Vol. 14, No.2, 2016

# SMALL & TOY DOG



## AVAILABLE SIZES

1.5 kg, 3 kg, 7 kg

## INDICATION

Complete diet for **entire adult small breed dogs**:

- < 10 kg, **over 10 months old**.

## ANALYTICAL CONSTITUENTS

(% as fed)

• Moisture	<b>9</b>
• Protein	<b>34</b>
• Animal to vegetable protein ratio	<b>86:14</b>
• Fat	<b>17</b>
• Minerals	<b>7.5</b>
• Crude cellulose	<b>5</b>
• NFE*	<b>27.5</b>
• Starch	<b>21</b>
• Calcium	<b>1.3</b>
• Phosphorus	<b>1.1</b>
• Ca/P ratio	<b>1.2</b>
• Sodium	<b>0.5</b>
• Omega-6	<b>2.2</b>
• Omega-3	<b>0.8</b>

## NUTRITIONAL VALUES

• ME** calculated (kcal/100g)***	<b>370</b>
• ME** measured in vivo (kcal/100g)	<b>386</b>
• Energy from protein (%)	<b>33</b>
• Energy from fat (%)	<b>41</b>
• Energy from NFE (%)	<b>26</b>
• Urinary pH	<b>6.3 - 6.7</b>
• Struvite RSS	<b>&lt;2.5</b>
• Oxalate RSS	<b>&lt;12</b>
• Digestibility protein (%)	<b>83.5</b>
• Digestibility fat (%)	<b>96</b>

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

## COMPOSITION

Dehydrated pork and poultry proteins, Rice, Pork fat, Hydrolysed pork and poultry proteins, Pea, Lignocellulose, Linseed, Minerals, Beet pulp, Psyllium fibre (*Plantago (L.) spp.*), Fructo-oligosaccharides, Brewers yeast, Seaweed meal (*Ascophyllum nodosum*), inactivated *Lactobacillus acidophilus*.

## SPECIFIC INGREDIENTS/ADDITIVES

• Bentonite	<b>5g/kg</b>
• Pasteurised <i>Lactobacillus acidophilus</i>	<b>7 mg/kg</b>
• L-carnitine	<b>330 mg/kg</b>
• Ascophyllum nodosum	<b>2g/kg</b>

## FEEDING GUIDELINES

Body Weight (kg)	Daily ration (g/day)		
	Sedentary	Active	Very Active
1	40	40	45
2	60	65	75
3	80	90	95
4	95	105	115
5	110	125	135
6	125	140	155
7	140	155	170
8	150	170	185
9	165	185	200
10	175	195	215

Quantities may vary depending on the breed of dog.

**LOW CARBOHYDRATE (NFE) 27.5%**

**HIGH PROTEIN 34%**

**of ANIMAL ORIGIN 86%**



## GLOBAL PREVENTIVE PROFILE

**The challenge in adult dogs is to maintain optimum body weight and composition, with the help of both nutrition and exercise.**

### Optimal Body Weight



The optimised energy balance helps to maintain a healthy weight with ideal body composition (lean mass / fat mass ratio).

### Oral & Dental Health



*Ascophyllum nodosum*, a natural brown algae, is included to help manage dental health. *Ascophyllum nodosum* has been shown to limit plaque and tartar formation and to reduce halitosis.

### Urinary Health



The high level of animal protein stimulates water intake, increases the volume of urine and helps to stabilise the urine pH.

### High Digestive Tolerance <sup>(1)</sup>



The low starch content helps to ensure good digestive tolerance. The choice of soluble and insoluble dietary fibres (prebiotic) and the *Lactobacillus* supplement (probiotic) regulate intestinal transit and contribute to a balanced digestive flora. Bentonite helps to protect the digestive mucosa and contributes to the elimination of well-formed stools.

### Skin and Coat Support



The high levels of animal protein, sources of sulphur-containing amino acids and the balance of omega-3 and omega-6 essential fatty acids contribute to the epidermal barrier function and help to improve the quality of sebaceous secretions to promote a healthy and shiny coat.

### Low-allergen Formulation



The product contains no maize, wheat, gluten, soya, egg or fish\*.

### Healthy Renal Function



The high levels of protein contribute to urinary urea concentrations which help to dilute the urine. The controlled phosphorus content helps to maintain healthy renal function.



\*May contain traces. Not suited for full hypoallergenic use.

(1) G.Chaix et al. Questionnaire-based Pet owner evaluation of gastrointestinal tolerance of a new high protein-low carbohydrate diet range in adult dogs. Intern J Appl Res Vet Med • Vol. 14, No. 3, 2016.

# SMALL & TOY DOG



## AVAILABLE SIZES

1.5 kg, 3 kg, 7 kg

## INDICATION

Complete diet for **dogs**:

- **Small breeds** (< 10 kg)  
over **10 years old**.
- **Toy breeds** (< 5 kg)  
over **12 years old**.

## ANALYTICAL CONSTITUENTS

(% as fed)

• Moisture	<b>9</b>
• Protein	<b>32</b>
• Animal to vegetable protein ratio	<b>84:16</b>
• Fat	<b>14</b>
• Minerals	<b>6.5</b>
• Crude cellulose	<b>9.5</b>
• NFE*	<b>29</b>
• Starch	<b>22</b>
• Calcium	<b>1.1</b>
• Phosphorus	<b>0.7</b>
• Ca/P ratio	<b>1.6</b>
• Sodium	<b>0.4</b>
• Omega-6	<b>2.2</b>
• Omega-3	<b>0.9</b>

## NUTRITIONAL VALUES

• ME** calculated (kcal/100g)***	<b>327</b>
• ME** measured in vivo (kcal/100g)	<b>332</b>
• Energy from protein (%)	<b>34</b>
• Energy from fat (%)	<b>36</b>
• Energy from NFE (%)	<b>30</b>
• Urinary pH	<b>6.5 - 6.9</b>
• Struvite RSS	<b>&lt;2.5</b>
• Oxalate RSS	<b>&lt;12</b>
• Digestibility protein (%)	<b>78.5</b>
• Digestibility fat (%)	<b>94</b>

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

**LOW CARBOHYDRATE (NFE) 29%**

**HIGH PROTEIN 32%**

**of ANIMAL ORIGIN 84%**

## COMPOSITION

Dehydrated pork and poultry proteins, Rice, Lignocellulose, Hydrolysed pork and poultry proteins, Pea, Poultry fat, Faba bean hulls, Minerals, Linseed, Fish oil, Beet pulp, Fructo-oligosaccharides, Psyllium fibre (*Plantago* (L.) spp.), Brewers yeast, Seaweed meal (*Ascophyllum nodosum*), inactivated *Lactobacillus acidophilus*.

## SPECIFIC INGREDIENTS/ADDITIVES

• Bentonite	<b>5g/kg</b>
• Pasteurised <i>Lactobacillus acidophilus</i>	<b>7 mg/kg</b>
• L-carnitine	<b>330 mg/kg</b>
• Ascophyllum nodosum	<b>2g/kg</b>
• Chondroitin sulphate	<b>430 mg/kg</b>
• Glucosamine	<b>430 mg/kg</b>

## FEEDING GUIDELINES

Body Weight (kg)	Daily ration (g/day)		
	Sedentary	Active	Very Active
1	40	45	45
2	60	70	75
3	80	90	100
4	95	110	120
5	115	125	140
6	130	140	155
7	140	155	175
8	155	170	190
9	165	185	205
10	180	200	220

\*Quantities may vary depending on the breed of dog.





## GLOBAL PREVENTIVE PROFILE

**The oxidative processes responsible for ageing intensify in older dogs, affecting many systems. Decreased activity levels predispose to muscle wastage and joint issues.**

### Body Weight Control



The appropriate energy density helps to limit the risk of excess weight gain due to decreased activity levels.

### Oral & Dental Health



*Ascophyllum nodosum*, a natural brown algae, is included to help manage dental health. *Ascophyllum nodosum* has been shown to limit plaque and tartar formation and to reduce halitosis.

### Helps to Maintain Renal Function



The reduced phosphorus content and its digestive chelation by chitosan assist in maintaining healthy renal function.<sup>2</sup>

### Urinary Health



The sustained level of animal protein stimulates water intake, increases the volume of urine and helps to stabilise the pH, for a healthy urinary system.

### Joint and Muscle Support



The appropriate level of protein helps to maintain muscle mass. The chondroitin and chitosan supplements help to maintain a strong musculoskeletal system.

### Immune Support



The appropriate level of proteins and vitamin E, a natural anti-oxidant, helps to maintain a strong immune system.

### Skin and Coat Support



The animal proteins with high levels of sulphur-containing amino acids and the balance of omega-6 and omega-3 essential fatty acids help to ensure skin and coat renewal and help to maintain the epidermal barrier function.

### High Digestive Tolerance



The low starch content helps to ensure good digestive tolerance. The choice of soluble and insoluble dietary fibres (prebiotic) and the *Lactobacillus* supplement (probiotic) promote intestinal transit and help to ensure a balanced digestive flora. Bentonite helps to protect the digestive mucosa and contributes to the elimination of well-formed stools.

### Low-allergen Formulation



The product contains no maize, wheat, gluten, soya, egg or fish\*.

### Low Glycaemic Index



The reduced starch content helps to ensure stable blood glucose levels.



\*May contain traces. Not suited for full hypoallergenic use



## AVAILABLE SIZES

1.5 kg, 3 kg, 7 kg

## INDICATION

Complete diet for **neutered small breed adult dogs**:

- < 10 kg, **over 10 months old**.

## ANALYTICAL CONSTITUENTS

(% as fed)

• Moisture	<b>9</b>
• Protein	<b>34</b>
• Animal to vegetable protein ratio	<b>86:14</b>
• Fat	<b>13.5</b>
• Minerals	<b>7.5</b>
• Crude cellulose	<b>10.5</b>
• NFE*	<b>25.5</b>
• Starch	<b>18</b>
• Calcium	<b>1.3</b>
• Phosphorus	<b>1.1</b>
• Ca/P ratio	<b>1.2</b>
• Sodium	<b>0.5</b>
• Omega-6	<b>2.2</b>
• Omega-3	<b>0.9</b>

## NUTRITIONAL VALUES

• ME** calculated (kcal/100g)**	<b>315</b>
• ME** measured in vivo (kcal/100g)	<b>317</b>
• Energy from protein (%)	<b>37</b>
• Energy from fat (%)	<b>36</b>
• Energy from NFE (%)	<b>27</b>
• Urinary pH	<b>6.3 - 6.7</b>
• Struvite RSS	<b>&lt;2.5</b>
• Oxalate RSS	<b>&lt;12</b>
• Digestibility protein (%)	<b>81.5</b>
• Digestibility fat (%)	<b>95.5</b>

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

## COMPOSITION

Dehydrated pork and poultry proteins, Rice, Lignocellulose, Hydrolysed pork and poultry proteins, Faba bean hulls, Poultry fat, Pea, Linseed, Minerals, Beet pulp, Psyllium fibre (*Plantago (L.) spp.*), Fructo-oligosaccharides, Brewers yeast, Seaweed meal (*Ascophyllum nodosum*), inactivated *Lactobacillus acidophilus*.

## SPECIFIC INGREDIENTS/ADDITIVES

• Bentonite	<b>5g/kg</b>
• Pasteurised <i>Lactobacillus acidophilus</i>	<b>7 mg/kg</b>
• L-carnitine	<b>330 mg/kg</b>
• <i>Ascophyllum nodosum</i>	<b>2g/kg</b>

## FEEDING GUIDELINES

Body Weight (kg)	Daily ration (g/day)		
	Sedentary	Active	Very Active
1	35	40	45
2	55	65	70
3	75	80	90
4	90	100	110
5	105	115	125
6	120	130	145
7	130	145	160
8	145	160	175
9	155	170	190
10	165	185	200

Quantities may vary depending on the breed of dog.

LOW CARBOHYDRATE (NFE) **25.5%**

HIGH PROTEIN **34%**

of ANIMAL ORIGIN **86%**





## GLOBAL PREVENTIVE PROFILE

**Neutered dogs are predisposed to weight gain, and often exhibit an increased appetite.**

### Body Weight Control



The controlled energy density of the diet alongside appropriate food rations help prevent excess weight which might result from neutering. The increased fibre content helps to achieve satiety. The L-carnitine supplement facilitates the energy production from lipids, thus limiting the deposition of adipose tissue.

### Moderate Calorie Level



The low fat levels and the increased amounts of fibre help to reduce the energy content of the diet, thus limiting calorie intake.

### Oral & Dental Health



*Ascophyllum nodosum*, a natural brown algae, is included to help manage dental health. *Ascophyllum nodosum* has been shown to limit plaque and tartar formation and to reduce halitosis.

### Urinary Health



The high level of animal protein stimulates water intake, increases the volume of urine and helps to stabilise the pH, for a healthy urinary system.

### Low Glycaemic Index



The reduced starch content helps to ensure stable blood glucose levels.

### High Digestive Tolerance <sup>(1)</sup>



The low starch content helps to ensure good digestive tolerance. The choice of soluble and insoluble dietary fibres (prebiotic) and the *Lactobacillus* supplement (probiotic) regulate intestinal transit and help to ensure a balanced digestive flora. Bentonite helps to protect the digestive mucosa and contributes to the elimination of well-formed stools.

### Skin and Coat support



The high levels of animal protein, sources of sulphur-containing amino acids, and the balance of omega-3 and omega-6 essential fatty acids contribute to the epidermal barrier function and help to improve the quality of sebaceous secretions to contribute to a healthy and shiny coat.



(1) G.Chaix et al. Questionnaire-based Pet owner evaluation of gastrointestinal tolerance of a new high protein-low carbohydrate diet range in adult dogs. Intern J Appl Res Vet Med • Vol. 14, No. 3, 2016.



## AVAILABLE SIZES

1.5 kg, 3 kg, 7 kg

## INDICATION

Complete diet for **neutered dogs** (or those with a tendency to gain weight):

- **Small breeds** (< 10 kg), **over 10 years old.**
- **Toy breeds** (< 5 kg), **over 12 years old.**

## ANALYTICAL CONSTITUENTS

(% as fed)

• Moisture	9
• Protein	32
• Animal to vegetable protein ratio	84:16
• Fat	12
• Minerals	6.5
• Crude cellulose	10.5
• NFE*	30
• Starch	22
• Calcium	1.1
• Phosphorus	0.7
• Ca/P ratio	1.6
• Sodium	0.4
• Omega-6	2
• Omega-3	0.9

## NUTRITIONAL VALUES

• ME** calculated (kcal/100g)***	311
• ME** measured in vivo (kcal/100g)	320
• Energy from protein (%)	35
• Energy from fat (%)	32
• Energy from NFE (%)	33
• Urinary pH	6.5 - 6.9
• Struvite RSS	<2.5
• Oxalate RSS	<12
• Digestibility protein (%)	78.5
• Digestibility fat (%)	94

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

LOW CARBOHYDRATE (NFE) **30%**

HIGH PROTEIN **32%**

of ANIMAL ORIGIN **84%**

## COMPOSITION

Dehydrated pork and poultry proteins, Rice, Lignocellulose, Hydrolysed pork and poultry proteins, Pea, Faba bean hulls, Poultry fat, Minerals, Linseed, Fish oil, Beet pulp, Psyllium fibre (*Plantago (L.) spp.*), Fructo-oligosaccharides, Brewers yeast, Seaweed meal (*Ascophyllum nodosum*), inactivated *Lactobacillus acidophilus*.

## SPECIFIC INGREDIENTS/ADDITIVES

• Bentonite	5g/kg
• Pasteurised <i>Lactobacillus acidophilus</i>	7 mg/kg
• L-carnitine	330 mg/kg
• <i>Ascophyllum nodosum</i>	2g/kg
• Chondroitin sulphate	430 mg/kg
• Glucosamine	430 mg/kg

## FEEDING GUIDELINES

Body Weight (kg)	Daily ration (g/day)		
	Sedentary	Active	Very Active
1	35	35	40
2	50	55	65
3	70	75	85
4	80	90	100
5	95	105	115
6	105	120	130
7	120	130	145
8	130	145	160
9	140	155	170
10	150	170	185

Quantities may vary depending on the breed of dog.



## GLOBAL PREVENTIVE PROFILE

**The oxidative processes responsible for ageing intensify in older dogs, affecting many systems. Neutering increases the risk of weight gain, and decreased activity levels predispose to muscle wastage and joint issues.**

### Body Weight Control



The controlled energy density of the diet alongside appropriate food rations help to prevent excess weight which might result from neutering and decreased activity. The L-carnitine supplement facilitates the energy production from lipids, thus limiting the deposition of adipose tissue.

### Moderate Calorie Level



The low fat levels and the increased amounts of fibre help to reduce the energy content of the diet, thus limiting calorie intake.

### Oral & Dental Health



*Ascophyllum nodosum*, a natural brown algae, is included to help manage dental health. *Ascophyllum nodosum* has been shown to limit plaque and tartar formation and to reduce halitosis.

### Low Glycaemic Index



The reduced starch content helps to ensure stable blood glucose levels.

### Urinary Health



The high level of animal protein stimulates water intake, increases the volume of urine and helps stabilise the pH, for a healthy urinary system.

### Helps to Maintain Renal Function



The reduced phosphorus content and its digestive chelation by chitosan assist in maintaining healthy renal function.

### Joint and Muscle Support



The appropriate level of protein helps to maintain muscle mass. The chondroitin and chitosan supplements help to maintain a strong musculoskeletal system.

### Immune Support



The appropriate level of proteins and vitamin E, a natural anti-oxidant, helps to maintain a strong immune system.

### Skin and Coat Support



The high levels of animal proteins, a source of sulphur-containing amino acids, and the balance of omega-6 and omega-3 essential fatty acids help to ensure skin and coat renewal and maintain the epidermal barrier function.

### High Digestive Tolerance



The low starch content helps to ensure good digestive tolerance. The choice of soluble and insoluble dietary fibres (prebiotic) and the *Lactobacillus* supplement (probiotic) regulate intestinal transit and help to ensure a balanced digestive flora. Bentonite helps to protect the digestive mucosa and contributes to the elimination of well-formed stools.



# NEUTERED DOG



## AVAILABLE SIZES

3 kg, 7 kg, 12 kg

## INDICATION

Complete diet for **neutered adult dogs** (or those with a tendency to gain weight):

- **Large breeds**  
(> 25 kg), **over 18 months old.**
- **Medium breeds**  
(10-25kg, **over 12 months old.**

## ANALYTICAL CONSTITUENTS

(% as fed)

• Moisture	9
• Protein	34
• Animal to vegetable protein ratio	88:12
• Fat	13.5
• Minerals	7.5
• Crude cellulose	10.5
• NFE*	25.5
• Starch	18
• Calcium	1.3
• Phosphorus	1.1
• Ca/P ratio	1.2
• Sodium	0.5
• Omega-6	2.2
• Omega-3	0.9

## NUTRITIONAL VALUES

• ME** calculated (kcal/100g)***	315
• ME** measured in vivo (kcal/100g)	317
• Energy from protein (%)	37
• Energy from fat (%)	36
• Energy from NFE (%)	27
• Urinary pH	6.3 - 6.7
• Struvite RSS	<2.5
• Oxalate RSS	<12
• Digestibility protein (%)	81.5
• Digestibility fat (%)	95.5

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

LOW CARBOHYDRATE (NFE) **25.5%**

HIGH PROTEIN **34%**

of ANIMAL ORIGIN **88%**

## COMPOSITION

Dehydrated pork and poultry proteins, Rice (min. 4%), Lignocellulose, Hydrolysed pork and poultry proteins, Animal fats, Faba bean hulls, Potato starch (min. 4%), Peas, Linseed, Minerals, Beet pulp, Brewers yeast, Psyllium fibre (*Plantago (L.) spp.*), Fructo-oligosaccharides, Hydrolysed crustacean (source of chitosan), *Lactobacillus acidophilus*, Chondroitin sulphate.

## SPECIFIC INGREDIENTS/ADDITIVES

• Bentonite	5g/kg
• Pasteurised <i>Lactobacillus acidophilus</i>	7 mg/kg
• L-carnitine	330 mg/kg
• Chondroitin sulphate	215 mg/kg
• Chitosan	215 mg/kg

## FEEDING GUIDELINES

Body Weight (kg)	Daily ration (g/day)		
	Sedentary	Active	Very Active
11	175	195	215
15	215	240	265
20	265	290	320
25	305	340	375
30	345	385	420
35	380	425	465
40	420	465	510
45	450	500	550
50	485	540	590
60	545	610	670
70	605	675	740
80	665	735	810

Quantities may vary depending on the breed of dog.

# ADULT Large & Medium



## GLOBAL PREVENTIVE PROFILE

**Neutered dogs are predisposed to weight gain, and often exhibit an increased appetite.**

### Body Weight Control



The controlled energy density of the diet alongside appropriate food rations help to prevent excess weight which might result from neutering. The increased fibre content helps to achieve satiety. The L-carnitine supplement facilitates the energy production from lipids, thus limiting the deposition of adipose tissue.

### Moderate Calorie Level



The low fat levels and the increased amounts of fibre help to reduce the energy content of the diet, thus limiting calorie intake.

### Joint and Muscle Support



The high protein content and chondroitin and chitosan supplements contribute to a strong and healthy musculoskeletal system.

### High Digestive Tolerance<sup>(1)</sup>



The low starch content ensures good digestive tolerance. The choice of soluble and insoluble dietary fibres (prebiotic) and the *Lactobacillus* supplement (probiotic) regulate intestinal transit and help to ensure a balanced digestive flora. Bentonite helps to protect the digestive mucosa and contributes to the elimination of well-formed stools.

### Low Glycaemic Index



The reduced starch content helps to ensure stable blood glucose levels.

### Low-allergen Formulation



The product contains no maize, wheat, gluten, soya, egg or fish\*.

### Skin and Coat Support



The high levels of animal protein, sources of sulphur-containing amino acids, and the balance of omega-3 and omega-6 essential fatty acids contribute to the epidermal barrier function and help to improve the quality of sebaceous secretions to promote a healthy and shiny coat.



\*May contain traces. Not suited for full hypoallergenic use.

(1) G.Chaix et al. Questionnaire-based Pet owner evaluation of gastrointestinal tolerance of a new high protein-low carbohydrate diet range in adult dogs. Intern J Appl Res Vet Med • Vol. 14, No. 3, 2016.





## AVAILABLE SIZES

3 kg, 12 kg

## INDICATION

Complete diet for **neutered adult dogs** (with digestive sensitivity):

- **Large breeds**  
(> 25 kg), **over 18 months old.**
- **Medium breeds**  
(10-25kg), **over 12 months old.**

## ANALYTICAL CONSTITUENTS

(% as fed)

• Moisture	9
• Protein	29
• Animal to vegetable protein ratio	88:12
• Fat	14
• Minerals	7.5
• Crude cellulose	7.5
• NFE*	33
• Starch	26
• Calcium	1.3
• Phosphorus	1
• Ca/P ratio	1.3
• Sodium	0.4
• Omega-6	2.2
• Omega-3	0.7

## NUTRITIONAL VALUES

• ME** calculated (kcal/100g)***	338
• ME** measured in vivo (kcal/100g)	345
• Energy from protein (%)	30
• Energy from fat (%)	36
• Energy from NFE (%)	34
• Urinary pH	6.3 - 6.7
• Struvite RSS	<2.5
• Oxalate RSS	<12
• Digestibility protein (%)	83
• Digestibility fat (%)	96.5

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

LOW CARBOHYDRATE (NFE) **33%**

HIGH PROTEIN **29%**

of ANIMAL ORIGIN **88%**

## COMPOSITION

Dehydrated pork and poultry proteins, Rice (min. 4%), Lignocellulose, Animal fats, Hydrolysed pork and poultry proteins, Minerals, Linseed, Beet pulp, Psyllium fibre (*Plantago (L.) spp.*), Fructo-oligosaccharides, Brewers yeast, *Yucca schidigera*, Hydrolysed crustacean (source of chitosan), *Lactobacillus acidophilus*, Chondroitin sulphate.

## SPECIFIC INGREDIENTS/ADDITIVES

• Bentonite	8g/kg
• Pasteurised <i>Lactobacillus acidophilus</i>	7 mg/kg
• <i>Yucca schidigera</i> extract	0.06%
• L-carnitine	330 mg/kg
• Chondroitin sulphate	215 mg/kg
• Chitosan	215 mg/kg

## FEEDING GUIDELINES

Body Weight (kg)	Daily ration (g/day)		
	Sedentary	Active	Very Active
11	165	185	200
15	200	225	245
20	245	270	300
25	285	315	350
30	320	355	395
35	355	395	435
40	390	430	475
45	420	470	515
50	450	500	550
60	510	565	625
70	565	630	690

Quantities may vary depending on the breed of dog.

# ADULT Sensitive Digest Large & Medium



## GLOBAL PREVENTIVE PROFILE

**Some large and medium breeds are prone to digestive sensitivity. This is due to their anatomical and physiological differences.**

### High Digestive Safety



The quality of the faeces (odour, consistency, volume) is optimised and flatulence is limited thanks to the complementary actions of several functional ingredients.\* The adapted protein content helps control the faecal moisture and improve the consistency of the faeces in dogs that are sensitive to a high quantity of proteins.

### Supports Digestive System



The rigorous selection of ingredients (no pea, rice as the unique source of starch and in a very low amount, high quality of animal protein) helps reduce the indigestible part of the formula and improve the nutrients digestibility.

### Improves Faeces Consistency



Helps to improve significantly the faeces consistency after only 7 days of feeding. Efficacy proven by Virbac<sup>(1)</sup> (internal data in 87 sensitive dogs, 2017).

### Body Weight Control



The controlled energy density of the diet and appropriate food rations help prevent the excess weight which might result from neutering. The increased fibre content helps achieve satiety. The L-carnitine supplement facilitates the energy production from lipids, thus limiting the deposit of adipose tissue.

### Moderate Calorie Level



The low fat level and the increased amounts of fibre help reduce the energy content of the diet, thus limiting the calorie intake.

### Joint and Muscle Support



The protein content and chondroitin and chitosan supplements contribute to a strong and healthy musculoskeletal system.

### Low Glycaemic Index



The reduced starch content helps to ensure stable blood glucose levels.

### Low-allergen Formulation



The diet is made without maize, wheat, gluten, soya, egg or fish.\*\*

## SIGNIFICANT IMPROVEMENT OF ALL DIGESTIVE PARAMETERS IN ONLY 1 MONTH<sup>(1)</sup>



**80%**  
OF IMPROVED  
DOGS

**FLATULENCE (61%)  
ODOUR OF FAECES (87%)  
TEXTURE OF FAECES (93%)  
VOLUME OF FAECES (76%)**

**50 out of 63 dogs  
showed improvement**



\*Lignocellulose, psyllium fibre, bentonite, yucca extract, *Lactobacillus acidophilus*, Fructo-oligosaccharides

\*\*May contain traces. Not suited for full hypoallergenic use

(1) Leriche I et al. Efficacy and tolerance of two low-carbohydrate diets in large adult dogs with digestive sensitivity: a randomized, cross-over, blinded evaluation. J Vet Med Surg 2017; 1(4): 1-10.

# NEUTERED DOG



## AVAILABLE SIZES

3 kg, 12 kg

## INDICATION

Complete diet for **neutered dogs** (or those with a tendency to gain weight):

- **Large breeds** (> 25 kg), **over 6 years old.**
- **Medium breeds** (10-25 kg), **over 8 years old.**

## ANALYTICAL CONSTITUENTS

(% as fed)

• Moisture	<b>9</b>
• Protein	<b>32</b>
• Animal to vegetable protein ratio	<b>83:17</b>
• Fat	<b>12</b>
• Minerals	<b>6.5</b>
• Crude cellulose	<b>10.5</b>
• NFE*	<b>30</b>
• Starch	<b>22</b>
• Calcium	<b>1.1</b>
• Phosphorus	<b>0.7</b>
• Ca/P ratio	<b>1.6</b>
• Sodium	<b>0.4</b>
• Omega-6	<b>2</b>
• Omega-3	<b>0.9</b>

## NUTRITIONAL VALUES

• ME** calculated (kcal/100g)***	<b>311</b>
• ME** measured in vivo (kcal/100g)	<b>320</b>
• Energy from protein (%)	<b>35</b>
• Energy from fat (%)	<b>32</b>
• Energy from NFE (%)	<b>33</b>
• Urinary pH	<b>6.5 - 6.9</b>
• Struvite RSS	<b>&lt;2.5</b>
• Oxalate RSS	<b>&lt;12</b>
• Digestibility protein (%)	<b>78.5</b>
• Digestibility fat (%)	<b>94</b>

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

**LOW CARBOHYDRATE (NFE) 30%**

**HIGH PROTEIN 32%**

**of ANIMAL ORIGIN 83%**

## COMPOSITION

Dehydrated pork and poultry proteins, Rice (min. 4%), Faba bean hulls, Hydrolysed pork and poultry proteins, Peas, Lignocellulose, Animal fats, Potato starch (min. 4%), Minerals, Linseed, Beet pulp, Fish oil, Psyllium fibre (*Plantago (L.) spp.*), Fructo-oligosaccharides, Brewers yeast, Hydrolysed crustacean (source of chitosan), *Lactobacillus acidophilus*, Chondroitin sulphate.

## SPECIFIC INGREDIENTS/ADDITIVES

• Bentonite	<b>5g/kg</b>
• Pasteurised <i>Lactobacillus acidophilus</i>	<b>7 mg/kg</b>
• L-carnitine	<b>330 mg/kg</b>
• Chondroitin sulphate	<b>430 mg/kg</b>
• Chitosan	<b>430 mg/kg</b>

## FEEDING GUIDELINES

Body Weight (kg)	Daily ration (g/day)		
	Sedentary	Active	Very Active
11	160	180	195
15	200	220	240
20	240	265	295
25	280	310	340
30	315	350	385
35	350	385	425
40	380	425	465
45	410	455	505
50	440	490	540
60	500	555	610
70	555	615	675

Quantities may vary depending on the breed of dog.



# SENIOR Large & Medium



## GLOBAL PREVENTIVE PROFILE

**The oxidative processes responsible for ageing intensify in older dogs, affecting many systems. Neutering increases the risk of weight gain, and decreased activity levels predispose to muscle wastage and joint issues.**

### Body Weight Control



The controlled energy density of the diet alongside appropriate food rations help to prevent excess weight which might result from neutering and decreased activity. The L-carnitine supplement facilitates the energy production from lipids, thus limiting the deposition of adipose tissue.

### Moderate Calorie Level



The low fat levels and the increased amounts of fibre help to reduce the energy content of the diet, thus limiting calorie intake.

### Muscle Mass Preservation



The maintained level of protein helps to maintain muscle mass.

### Joint and Muscle support



The appropriate level of protein helps to maintain muscle mass. The chondroitin and chitosan supplements help to maintain a strong musculoskeletal system.

### High Digestive Tolerance



The low starch content ensures good digestive tolerance. The choice of soluble and insoluble dietary fibres (prebiotic) and the *Lactobacillus* supplement (probiotic) help intestinal transit and help to ensure a balanced digestive flora. Bentonite helps to protect the digestive mucosa and contributes to the elimination of well-formed stools.

### Low Glycaemic Index



The reduced starch content helps to ensure stable blood glucose levels.

### Immune Support



The appropriate level of proteins and vitamin E, a natural anti-oxidant, help to maintain a strong immune system.

### Helps to Maintain Renal Function



The reduced phosphorus content and its digestive chelation by chitosan assist in maintaining healthy renal function.

### Low-allergen Formulation



The product contains no maize, wheat, gluten, soya, egg or fish\*.

### Skin and Coat Support



The high levels of animal proteins, a source of sulphur-containing amino acids, and the balance of omega-6 and omega-3 essential fatty acids help to ensure skin and coat renewal and help to maintain the epidermal barrier function.



\*May contain traces. Not suited for full hypoallergenic use.

# LARGE & MEDIUM DOG



## AVAILABLE SIZES

3 kg, 7 kg, 12 kg

## INDICATION

Complete diet for **Puppies**:

- **Large breeds**  
(adult weight > 25 kg),  
**up to 7 months old.**
- **Medium breeds**  
(adult weight 10-25 kg),  
**up to 6 months old.**

Complete diet for **bitches**:

- **Pregnant/Lactating medium**  
**and large breed bitches.**

LOW  
CARBOHYDRATE (NFE) **23.5%**

HIGH PROTEIN **35%**

of ANIMAL ORIGIN **89%**

## ANALYTICAL CONSTITUENTS

(% as fed)

• Moisture	<b>9</b>
• Protein	<b>35</b>
• Animal to vegetable protein ratio	<b>89:11</b>
• Fat	<b>21</b>
• Minerals	<b>7.5</b>
• Crude cellulose	<b>4</b>
• NFE*	<b>23.5</b>
• Starch	<b>19</b>
• Calcium	<b>1.2</b>
• Phosphorus	<b>1</b>
• Ca/P ratio	<b>1.2</b>
• Sodium	<b>0.5</b>
• Omega-6	<b>2.5</b>
• Omega-3	<b>1</b>

## NUTRITIONAL VALUES

• ME** calculated (kcal/100g)***	<b>396</b>
• ME** measured in vivo (kcal/100g)	<b>396</b>
• Energy from protein (%)	<b>32</b>
• Energy from fat (%)	<b>47</b>
• Energy from NFE (%)	<b>21</b>
• Urinary pH	<b>6.5 - 6.9</b>
• Struvite RSS	<b>&lt;2.5</b>
• Oxalate RSS	<b>&lt;12</b>
• Digestibility protein (%)	<b>86</b>
• Digestibility fat (%)	<b>96.5</b>

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

## SPECIFIC INGREDIENTS/ADDITIVES

• Bentonite	<b>5g/kg</b>
• Pasteurised <i>Lactobacillus acidophilus</i>	<b>7 mg/kg</b>
• Beta-glucan	<b>500 mg/kg</b>
• L-carnitine	<b>330 mg/kg</b>

## COMPOSITION

Dehydrated pork and poultry proteins, Rice (min. 4%), Animal fats, Peas, Potato starch (min. 4%), Hydrolysed pork and poultry proteins, Lignocellulose, Minerals, Faba bean hulls, Beet pulp, Linseed, Fish oil, Brewers yeast (source of Beta-glucan), Psyllium fibre (*Plantago (L.) spp.*), Fructo-oligosaccharides, *Lactobacillus acidophilus*, Chondroitin sulphate.

## FEEDING GUIDELINES

### MEDIUM BREED PUPPY

Body Weight (kg)	Daily ration (g/day)		
	Age (months)		
	2	3	4/6
4	200	175	
5	230	200	
6	260	230	195
8	315	275	235
10	365	320	275
12			310
15			360

### LARGE BREED PUPPY

Body Weight (kg)	Daily ration (g/day)		
	Age (months)		
	2/3	4/5	6/7
5	230		
6	260		
7	290		
8	315		
10	365	320	
12	415	360	
15	480	420	360
20	580	510	435
25		590	505
30		665	570
35		740	635
40		805	690

Quantities may vary depending on the breed and activity level of the puppy.

See page 73 for use in gestation and lactation



## GLOBAL PREVENTIVE PROFILE

**Growth is a critical time for puppies of large and medium-sized breeds. and their energy, protein and minerals requirements are significant. They have a delicate digestive system and an immature immune system.**

### First Phase of Growth



The high energy density and high degree of digestibility of the food provide a concentrated diet which covers the requirements for intense and rapid growth in the first phase of growth.

### High Energy Level



High fat content helps to reach a high energy density in order to meet the intense requirements for growth.

### Joint & Bone Support



The high protein content and balanced calcium and phosphorus levels contribute to healthy skeletal growth.

### Immune Support



The beta-glucan supplement promotes the development of a puppy's own defence system and can help to improve vaccine response.

### High Digestive Tolerance <sup>(1)</sup>



The low starch content takes into account the lower amylase activity in young dogs. *Lactobacilli* (probiotic) help to stimulate the growth of protective acidogenic flora. They help to contribute to local immunity. The bentonite helps to protect the digestive mucosa, helps to limit inflammatory and infectious processes and contributes to normal stool odour and consistency. Soluble fibres (prebiotics) contribute to the normal growth of digestive flora and to the integrity of the colonic mucosa.

### Skin and Coat Support



The high levels of animal proteins, sources of sulphur-containing amino acids and the balance of omega-3 and omega-6 essential fatty acids contribute to the development of epidermal barrier functions and the formation of the puppy's coat.

### Low-allergen Formulation



The product contains no maize, wheat, gluten, soya, egg or fish\*.



\*May contain traces. Not suited for full hypoallergenic use.

(1) G. Chaix et al. Questionnaire-based pet owner evaluation of gastrointestinal tolerance of a new high protein low carbohydrate diet range in growing dogs. Intern J Appl Res Vet Med Vol. 14, No.2, 2016

# SPECIAL MEDIUM DOG



## AVAILABLE SIZES

3 kg, 12 kg

## INDICATION

Complete diet for **young medium breed dogs**:

- **Medium breeds** (adult weight 10-25 kg), after peak growth, that is from **7 to 12 months**.

## ANALYTICAL CONSTITUENTS

(% as fed)

• Moisture	<b>9</b>
• Protein	<b>35</b>
• Animal to vegetable protein ratio	<b>89:11</b>
• Fat	<b>19</b>
• Minerals	<b>7.5</b>
• Crude cellulose	<b>4.5</b>
• NFE*	<b>25</b>
• Starch	<b>20</b>
• Calcium	<b>1.2</b>
• Phosphorus	<b>1</b>
• Ca/P ratio	<b>1.2</b>
• Sodium	<b>0.5</b>
• Omega-6	<b>2.4</b>
• Omega-3	<b>0.9</b>

## NUTRITIONAL VALUES

• ME** calculated (kcal/100g)***	<b>384</b>
• ME** measured in vivo (kcal/100g)	<b>388</b>
• Energy from protein (%)	<b>33</b>
• Energy from fat (%)	<b>43</b>
• Energy from NFE (%)	<b>24</b>
• Urinary pH	<b>6.3 - 6.7</b>
• Struvite RSS	<b>&lt;2.5</b>
• Oxalate RSS	<b>&lt;12</b>
• Digestibility protein (%)	<b>82</b>
• Digestibility fat (%)	<b>97</b>

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

## COMPOSITION

Dehydrated pork and poultry proteins, Rice (min. 4%), Animal fats, Peas, Potato starch (min. 4%), Hydrolysed pork and poultry proteins, Lignocellulose, Faba bean hulls, Minerals, Beet pulp, Linseed, Fish oil, Psyllium fibre (*Plantago (L.) spp.*), Fructo-oligosaccharides, Brewers yeast, *Lactobacillus acidophilus*, Chondroitin sulphate.

## SPECIFIC INGREDIENTS/ADDITIVES

• Bentonite	<b>5g/kg</b>
• Pasteurised <i>Lactobacillus acidophilus</i>	<b>7 mg/kg</b>
• L-carnitine	<b>330 mg/kg</b>

## FEEDING GUIDELINES

Body Weight (kg)	Daily ration (g/day)			
	Age (months)			
	7	8	9-10	11-12
8	245	220	195	
10	285	255	225	
12	320	290	255	215
15	370	335	295	245
17	405	365	325	270
20			360	300
22			385	320
24				340
25				350

Quantities may vary depending on the breed and level of activity of the young dog.

LOW CARBOHYDRATE (NFE) **25%**

HIGH PROTEIN **35%**

of ANIMAL ORIGIN **89%**



## GLOBAL PREVENTIVE PROFILE

**Once growth has peaked, nutritional requirements change, which must be reflected in their diet in order to prevent risks of weight gain and joint issues.**

### Second Phase of Growth



Diet formulated to meet requirements in the end-of-growth period, after the peak. This phase primarily corresponds to the development of muscular mass.

### High Energy Level



The energy density meets the requirements of the end-of-growth period, by helping to prevent excess weight and osteoarticular disease of a dietary origin.

### Joint and Muscle Support



The high protein content and balanced mineral content contribute to the healthy development of the musculoskeletal system.

### High Digestive Tolerance



The low starch content helps to ensure good digestive tolerance. The combination of soluble fibres (prebiotic), *Lactobacilli* (probiotic) and bentonite contributes to the healthy development of digestive flora and helps to protect the digestive mucosa.

### Skin and Coat Support



The high levels of animal proteins, sources of sulphur-containing amino acids and the balance of omega-3 and omega-6 essential fatty acids contribute to the development of epidermal barrier functions and the formation of the coat.

### Low-allergen Formulation



The product contains no maize, wheat, gluten, soya, egg or fish\*.

### Urinary Health



The high level of animal protein stimulates water intake, increases the volume of urine and helps to stabilise the pH, for a healthy urinary system.



\*May contain traces. Not suited for full hypoallergenic use.

# SPECIAL LARGE DOG



## AVAILABLE SIZES

3 kg, 12 kg

## INDICATION

Complete diet for **young large breed dogs**:

- **Large breeds** (adult weight > 25 kg), after the growth peak, that is from **8 to 18 months**.

## ANALYTICAL CONSTITUENTS

(% as fed)

• Moisture	<b>9</b>
• Protein	<b>35</b>
• Animal to vegetable protein ratio	<b>87:13</b>
• Fat	<b>15</b>
• Minerals	<b>7.5</b>
• Crude cellulose	<b>5.5</b>
• NFE*	<b>28</b>
• Starch	<b>22</b>
• Calcium	<b>1.1</b>
• Phosphorus	<b>0.9</b>
• Ca/P ratio	<b>1.2</b>
• Sodium	<b>0.5</b>
• Omega-6	<b>2.6</b>
• Omega-3	<b>0.9</b>

## NUTRITIONAL VALUES

• ME** calculated (kcal/100g)***	<b>358</b>
• ME** measured in vivo (kcal/100g)	<b>379</b>
• Energy from protein (%)	<b>35</b>
• Energy from fat (%)	<b>37</b>
• Energy from NFE (%)	<b>28</b>
• Urinary pH	<b>6.3 - 6.7</b>
• Struvite RSS	<b>&lt;2.5</b>
• Oxalate RSS	<b>&lt;12</b>
• Digestibility protein (%)	<b>87</b>
• Digestibility fat (%)	<b>96.5</b>

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

**LOW CARBOHYDRATE (NFE) 28%**

**HIGH PROTEIN 35%**

**of ANIMAL ORIGIN 87%**

## COMPOSITION

Dehydrated pork and poultry proteins, Rice (min. 4%), Animal fats, Peas, Faba bean hulls, Potato starch (min. 4%), Hydrolysed pork and poultry proteins, Lignocellulose, Minerals, Beet pulp, Linseed, Fish oil, Brewers yeast, Psyllium fibre (*Plantago (L.) spp.*), Fructo-oligosaccharides, Hydrolysed crustacean (source of chitosan), *Lactobacillus acidophilus*, Chondroitin sulphate.

## SPECIFIC INGREDIENTS/ADDITIVES

• Bentonite	<b>5g/kg</b>
• Pasteurised <i>Lactobacillus acidophilus</i>	<b>7 mg/kg</b>
• L-carnitine	<b>330 mg/kg</b>
• Chondroitin sulphate	<b>215 mg/kg</b>
• Chitosan	<b>215 mg/kg</b>

## FEEDING GUIDELINES

Body Weight (kg)	Daily ration (g/day)				
	Age (months)				
	8	9-11	12-14	15-16	17-18
14	380				
15	400	360	320		
20	480	435	385	355	
25	560	505	450	410	375
30	630	570	505	465	420
35	700	630	560	515	465
40	765	690	610	560	510
45	830	745	660	605	550
50		800	710	650	590
55			755	695	630
60			805	735	670
70				815	740

Quantities may vary depending on the breed and activity level of the young dog.





## GLOBAL PREVENTIVE PROFILE

Once growth has peaked, nutritional requirements change, which must be reflected in their diet in order to prevent risks of weight gain and joint issues.

### Growth (8 to 18 months)



The energy / protein balance contributes towards healthy development of the animal throughout its period of growth.

### Moderate Calorie Level



The low levels of fat and high fibre content result in a moderate energy density.

### Body Weight Control



The moderate energy density alongside suitable food rations help to ensure a healthy growth period with less risk of excess weight being gained.

### Joint and Muscle Support



The high protein content and chondroitin and chitosan supplements help to develop a strong and healthy musculoskeletal system.

### High Digestive Tolerance <sup>(1)</sup>



The low starch content helps to ensure good digestive tolerance. The combination of soluble fibres (prebiotic), *Lactobacilli* (probiotic) and bentonite contributes to the healthy development of digestive flora and helps to protect the digestive mucosa.

### Low-allergen Formulation



The product contains no maize, wheat, gluten, soya, egg or fish\*.

### Skin and Coat Support



The high levels of animal proteins, sources of sulphur-containing amino acids and the balance of omega-3 and omega-6 essential fatty acids contribute to the development of epidermal barrier functions and the formation of the coat.



\*May contain traces. Not suited for full hypoallergenic use.

(1) G. Chaix et al. Questionnaire-based pet owner evaluation of gastrointestinal tolerance of a new high protein low carbohydrate diet range in growing dogs. Intern J Appl Res Vet Med Vol. 14, No.2, 2016

# LARGE & MEDIUM DOG



## AVAILABLE SIZES

3 kg, 7 kg, 12 kg

## INDICATION

Complete diet for **adult dogs**:

- **Large breeds**  
(> 25 kg), **over 18 months old**.
- **Medium breeds**  
(10-25 kg), **over 12 months old**.

## ANALYTICAL CONSTITUENTS

(% as fed)

• Moisture	<b>9</b>
• Protein	<b>34</b>
• Animal to vegetable protein ratio	<b>87:13</b>
• Fat	<b>17</b>
• Minerals	<b>7.5</b>
• Crude cellulose	<b>5</b>
• NFE*	<b>27.5</b>
• Starch	<b>21</b>
• Calcium	<b>1.3</b>
• Phosphorus	<b>1.1</b>
• Ca/P ratio	<b>1.2</b>
• Sodium	<b>0.5</b>
• Omega-6	<b>2.2</b>
• Omega-3	<b>0.8</b>

## NUTRITIONAL VALUES

• ME** calculated (kcal/100g)***	<b>370</b>
• ME** measured in vivo (kcal/100g)	<b>386</b>
• Energy from protein (%)	<b>33</b>
• Energy from fat (%)	<b>41</b>
• Energy from NFE (%)	<b>26</b>
• Urinary pH	<b>6.3 - 6.7</b>
• Struvite RSS	<b>&lt;2.5</b>
• Oxalate RSS	<b>&lt;12</b>
• Digestibility protein (%)	<b>83.5</b>
• Digestibility fat (%)	<b>96</b>

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

**LOW CARBOHYDRATE (NFE) 27.5%**

**HIGH PROTEIN 34%**

**of ANIMAL ORIGIN 87%**

## COMPOSITION

Dehydrated pork and poultry proteins, Rice (min. 4%), Animal fats, Peas, Hydrolysed pork and poultry proteins, Potato starch (min. 4%), Lignocellulose, Faba bean hulls, Linseed, Minerals, Beet pulp, Psyllium fibre (*Plantago (L.) spp.*), Fructo-oligosaccharides, Brewers yeast, Hydrolysed crustacean (source of chitosan), *Lactobacillus acidophilus*, Chondroitin sulphate.

## SPECIFIC INGREDIENTS/ADDITIVES

• Bentonite	<b>5g/kg</b>
• Pasteurised <i>Lactobacillus acidophilus</i>	<b>7 mg/kg</b>
• L-carnitine	<b>330 mg/kg</b>
• Chondroitin sulphate	<b>215 mg/kg</b>
• Chitosan	<b>215 mg/kg</b>

## FEEDING GUIDELINES

Body Weight (kg)	Daily ration (g/day)		
	Sedentary	Active	Very Active
11	190	210	230
15	230	255	280
20	280	310	340
25	325	360	395
30	365	410	450
35	405	450	495
40	445	495	545
45	480	535	590
50	515	575	630
60	580	645	710
70	645	715	790

Quantities may vary depending on the breed of dog.





## GLOBAL PREVENTIVE PROFILE

**The challenge in adult dogs is to maintain optimum body weight and composition, with the help of both nutrition and exercise.**

### Optimal Body Weight



The optimised energy balance helps to maintain a healthy weight with ideal body composition (lean mass / fat mass ratio).

### Optimal Muscle Mass



The high protein content promotes muscle mass formation.

### Joint and Muscle Support



The high protein content and chondroitin and chitosan supplements help to maintain a strong and healthy musculoskeletal system.

### High Digestive Tolerance <sup>(3)</sup>



The low starch content helps to ensure good digestive tolerance.

The choice of soluble and insoluble dietary fibres (prebiotic) and the *Lactobacillus* supplement (probiotic) regulate intestinal transit and contribute to a balanced digestive flora. Bentonite helps to protect the digestive mucosa and contributes to the elimination of well-formed stools.

### Low-allergen Formulation



The product contains no maize, wheat, gluten, soya, egg or fish\*.

\*May contain traces. Not suited for full hypoallergenic use.

(1) I Leriche, A Franchi, C Bouchez. Forty month-follow up of renal function in dogs fed a high-protein diet. ESVCN 2020

(2) Leriche I et al. Efficacy and tolerance of two low-carbohydrate diets in large adult dogs with digestive sensitivity: a randomized, cross-over, blinded evaluation. J Vet Med Surg 2017; 1(4): 1-10.

(3) G.Chaix et al. Questionnaire-based Pet owner evaluation of gastrointestinal tolerance of a new high protein-low carbohydrate diet range in adult dogs. Intern J Appl Res Vet Med • Vol. 14, No. 3, 2016.

## Skin and Coat Support



The high levels of animal protein, sources of sulphur-containing amino acids and the balance of omega-3 and omega-6 essential fatty acids contribute to the epidermal barrier function and help to improve the quality of sebaceous secretions to promote a healthy and shiny coat.

## Urinary Health



The high level of animal protein stimulates water intake, increases the volume of urine and helps to stabilise the pH, for a healthy urinary system.

## RENAL SAFETY :



**40**  
MONTHS  
FOLLOW UP

**NO NEGATIVE IMPACT  
ON THE RENAL  
BIOMARKERS <sup>(1)</sup>**

Adapted to digestive sensitivity:

**SIGNIFICANT IMPROVEMENT OF ALL  
DIGESTIVE PARAMETERS IN ONLY  
1 MONTH <sup>(2)</sup>**



**60%**  
OF IMPROVED  
DOGS WITH DIGES-  
TIVE SENSITIVITY

**FLATULENCE (56%)  
ODOUR OF FAECES (68%)  
TEXTURE OF FAECES (66%)  
VOLUME OF FAECES (54%)**

**35 out of 58 dogs  
showed improvement**



# LARGE & MEDIUM DOG



## AVAILABLE SIZES

3 kg, 12 kg

## INDICATION

Complete diet for **entire dogs**:

- **Large breeds**  
(> 25 kg), **6 years old**.
- **Medium breeds**  
(10-25 kg), **8 years old**.

## ANALYTICAL CONSTITUENTS

(% as fed)

• Moisture	<b>9</b>
• Protein	<b>32</b>
• Animal to vegetable protein ratio	<b>84:16</b>
• Fat	<b>14</b>
• Minerals	<b>6.5</b>
• Crude cellulose	<b>9.5</b>
• NFE*	<b>29</b>
• Starch	<b>22</b>
• Calcium	<b>1.1</b>
• Phosphorus	<b>0.7</b>
• Ca/P ratio	<b>1.6</b>
• Sodium	<b>0.4</b>
• Omega-6	<b>2.2</b>
• Omega-3	<b>0.9</b>

## NUTRITIONAL VALUES

• ME** calculated (kcal/100g)***	<b>327</b>
• ME** measured in vivo (kcal/100g)	<b>332</b>
• Energy from protein (%)	<b>34</b>
• Energy from fat (%)	<b>36</b>
• Energy from NFE (%)	<b>30</b>
• Urinary pH	<b>6.5 - 6.9</b>
• Struvite RSS	<b>&lt;2.5</b>
• Oxalate RSS	<b>&lt;12</b>
• Digestibility protein (%)	<b>78.5</b>
• Digestibility fat (%)	<b>94</b>

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

**LOW CARBOHYDRATE (NFE) 29%**

**HIGH PROTEIN 32%**

**of ANIMAL ORIGIN 84%**

## COMPOSITION

Dehydrated pork and poultry proteins, Rice (min. 4%), Faba bean hulls, Hydrolysed pork and poultry proteins, Peas, Lignocellulose, Animal fats, Potato starch (min. 4%), Minerals, Linseed, Beet pulp, Fish oil, Psyllium fibre (*Plantago (L.) spp.*), Fructo-oligosaccharides, Brewers yeast, Hydrolysed crustacean (source of chitosan), *Lactobacillus acidophilus*, Chondroitin sulphate.

## SPECIFIC INGREDIENTS/ADDITIVES

• Bentonite	<b>5g/kg</b>
• Pasteurised <i>Lactobacillus acidophilus</i>	<b>7 mg/kg</b>
• L-carnitine	<b>330 mg/kg</b>
• Chondroitin sulphate	<b>430 mg/kg</b>
• Chitosan	<b>430 mg/kg</b>

## FEEDING GUIDELINES

Body Weight (kg)	Daily ration (g/day)		
	Sedentary	Active	Very Active
11	190	215	235
15	235	260	290
20	285	315	350
25	330	365	405
30	375	415	455
35	415	460	505
40	455	505	555
45	490	545	600
50	525	585	640
60	595	660	725
70	655	730	805

Quantities may vary depending on the breed of dog.



## GLOBAL PREVENTIVE PROFILE

**The oxidative processes responsible for ageing intensify in older dogs, affecting many systems. Decreased activity levels predispose to muscle wastage and joint issues.**

### Body Weight Control



The appropriate energy density limits the risk of excess weight gain due to decreased activity levels.

### Moderate Calorie Level



The reduced levels of fat and the increased level of fibre result in a moderate energy density, appropriate for the requirements of mature dogs.

### Muscle Mass Preservation



The maintained level of protein helps to maintain muscle mass.

### Joint and Muscle Support



The appropriate protein content and chondroitin and chitosan supplements help to maintain a strong musculoskeletal system.

### High Digestive Tolerance



The low starch content helps to ensure good digestive tolerance. The choice of soluble and insoluble dietary fibres (prebiotic) and the *Lactobacillus* supplement (probiotic) regulate intestinal transit and contribute to a balanced digestive flora. Bentonite helps to protect the digestive mucosa and contributes to the elimination of well-formed stools.

### Immune Support



The appropriate level of proteins and vitamin E, a natural anti-oxidant, help to maintain a strong immune system.

### Skin and Coat Support



The animal proteins with high levels of sulphur-containing amino acids and the balance of omega-6 and omega-3 essential fatty acids help to contribute to skin and coat renewal and help to maintain the epidermal barrier function.

### Low-allergen Formulation



The product contains no maize, wheat, gluten, soya, egg or fish\*.

### Helps to Maintain Renal Function



The reduced phosphorus content and its digestive chelation by chitosan assist in maintaining healthy renal function.

### Urinary Health



The high level of animal protein stimulates water intake, increases urine volume and helps to stabilise the pH for good urinary health.



\*May contain traces. Not suited for full hypoallergenic use.

# FEEDING TABLES

## SMALL & TOY: GESTATION & LACTATION

DAILY RATION (g/day)				
BABY SMALL & TOY				
BODYWEIGHT (KG)	GESTATION			LACTATION
	W1 - W5	W6 - W7	W8 - W9	
1	40	45	60	120
2	65	70	95	190
3	80	90	125	245
4	100	110	150	300
5	115	125	175	345
6	130	145	195	390
7	145	160	215	435
8	160	175	235	475
9	170	190	255	510
10	185	200	275	550

Quantities may vary depending on the breed of dog.  
For use during gestation, use the initial bodyweight.  
For use during lactation, use the actual weight.  
During lactation, the bitch may be fed ad libitum.



SMALL & TOY: GROWTH

BODYWEIGHT (KG)	DAILY RATION (g/day)					
	BABY SMALL & TOY					
	2 MONTHS	3 MONTHS	4-6 MONTHS	7 MONTHS	8-9 MONTHS	10 MONTHS
0.5	50	45	35	35	30	25
1	80	70	60	55	45	40
1.5	105	90	75	70	60	50
2	125	110	95	85	75	65
2.5	145	125	110	100	85	75
3	165	145	125	110	100	80
3.5	180	160	135	125	110	90
4	200	175	150	135	120	100
4.5	215	190	160	145	130	105
5	230	200	175	155	140	115
5.5	245	215	185	165	145	125
6	260	230	195	175	155	130
6.5	275	240	205	185	165	135
7	290	250	215	195	175	145
7.5	300	265	225	205	180	150
8	315	275	235	215	190	160
8.5	330	285	245	220	195	165
9	340	300	255	230	205	170
9.5	355	310	265	240	210	175
10	365	320	275	245	220	185

During weaning, ensure food is available at all times.  
Quantities may vary depending on the breed and activity level of the puppy.

# FEEDING TABLES

**SMALL & TOY: ADULT & SENIOR**

BODYWEIGHT (KG)	DAILY RATION (g/day)					
	ADULT SMALL & TOY			SENIOR SMALL & TOY		
	SEDENTARY	ACTIVE	VERY ACTIVE	SEDENTARY	ACTIVE	VERY ACTIVE
1	40	40	45	40	45	45
2	60	65	75	60	70	75
3	80	90	95	80	90	100
4	95	105	115	95	110	120
5	110	125	135	115	125	140
6	125	140	155	130	140	155
7	140	155	170	140	155	175
8	150	170	185	155	170	190
9	165	185	200	165	185	205
10	175	195	215	180	200	220

Quantities may vary depending on the breed of dog.



NEUTERED SMALL & TOY: ADULT & SENIOR

BODYWEIGHT (KG)	DAILY RATION (g/day)					
	ADULT NEUTERED SMALL & TOY			SENIOR NEUTERED SMALL & TOY		
	SEDENTARY	ACTIVE	VERY ACTIVE	SEDENTARY	ACTIVE	VERY ACTIVE
1	35	40	45	35	35	40
2	55	65	70	50	55	65
3	75	80	90	70	75	85
4	90	100	110	80	90	100
5	105	115	125	95	105	115
6	120	130	145	105	120	130
7	130	145	160	120	130	145
8	145	160	175	130	145	160
9	155	170	190	140	155	170
10	165	185	200	150	170	185

Quantities may vary depending on the breed of dog.  
For a soft weight loss programme, weigh the dog weekly and change daily ration according to the new body weight.

# FEEDING TABLES

## NEUTERED LARGE & MEDIUM: ADULT & SENIOR

BODYWEIGHT (KG)	DAILY RATION (g/day)								
	ADULT NEUTERED LARGE & MEDIUM			ADULT NEUTERED SENSITIVE DIGEST LARGE & MEDIUM			SENIOR NEUTERED LARGE & MEDIUM		
	SEDENTARY	ACTIVE	VERY ACTIVE	SEDENTARY	ACTIVE	VERY ACTIVE	SEDENTARY	ACTIVE	VERY ACTIVE
11	175	195	215	165	185	200	160	180	195
12	185	210	230	175	195	215	170	190	210
14	205	230	255	195	215	235	190	210	230
15	215	240	265	200	225	245	200	220	240
16	225	250	275	210	235	260	205	230	250
18	245	270	300	230	255	280	225	250	275
20	265	290	320	245	270	300	240	265	295
22	280	310	345	260	290	320	255	285	310
24	295	330	365	275	310	340	270	300	330
25	305	340	375	285	315	350	280	310	340
26	315	350	385	290	325	355	285	315	350
28	330	365	400	305	340	375	300	335	365
30	345	385	420	320	355	395	315	350	385
32	360	400	440	335	375	410	330	365	400
34	375	415	460	350	390	425	340	380	415
35	380	425	465	355	395	435	350	385	425
36	390	430	475	365	405	445	355	395	435
38	405	450	495	375	420	460	370	410	450
40	420	465	510	390	430	475	380	425	465
42	430	480	525	400	445	490	395	435	480
44	445	495	545	415	460	505	405	450	495
45	450	500	550	420	470	515	410	455	505
46	460	510	560	425	475	520	420	465	510
48	470	525	575	440	490	535	430	480	525
50	485	540	590	450	500	550	440	490	540
52	495	555	610	465	515	565	455	505	555
55	515	575	630	480	535	590	470	525	575
58	535	595	655	500	555	610	490	540	595
60	545	610	670	510	565	625	500	555	610
62	560	620	685	520	580	635	510	565	625
65	575	640	705	540	600	660	525	585	645
68	595	660	725	555	615	680	540	605	665
70	605	675	740	565	630	690	555	615	675
72	620	685	755	575	640	705	565	625	690
75	635	705	775	590	660	725	580	645	710
78	650	725	795	610	675	745	595	660	725
80	665	735	810	620	685	755	605	670	740

Quantities may vary depending on the breed of dog.

For a soft weight loss programme, weigh the dog weekly and change daily ration according to the new body weight.





## LARGE & MEDIUM: GESTATION & LACTATION

BODYWEIGHT (KG)	DAILY RATION (g/day)			
	BABY LARGE & MEDIUM			
	GESTATION			LACTATION
	W1 - W5	W6 - W7	W8 - W9	
25	335	370	505	1010
26	345	380	520	1040
28	365	400	545	1090
30	380	420	570	1140
32	400	435	595	1195
34	415	455	620	1240
35	420	465	635	1265
36	430	475	645	1290
38	445	490	670	1335
40	460	505	690	1385
42	475	525	715	1430
45	500	550	750	1495
48	520	575	780	1565
50	535	590	805	1605
52	550	605	825	1650
55	570	630	855	1710
58	590	650	885	1775
60	605	665	905	1815
62	620	680	925	1855
65	640	700	955	1915
68	655	725	985	1970
70	670	735	1005	2010
72	685	750	1025	2050
75	700	770	1050	2105
78	720	790	1080	2160
80	730	805	1100	2195

For use during gestation, use the initial bodyweight.  
For use during lactation, use the actual bodyweight.  
During lactation, the bitch may be fed ad libitum.

# FEEDING TABLES

## LARGE & MEDIUM: GROWTH

BODYWEIGHT (KG)	DAILY RATION (g/day)		
	BABY LARGE & MEDIUM		
	2-3 MONTHS	4-5 MONTHS	6-7 MONTHS
3	165	145	125
4	200	175	150
5	230	200	175
6	260	230	195
7	290	250	215
8	315	275	235
9	340	300	255
10	365	320	275
12	415	360	310
14	460	400	345
15	480	420	360
16	500	440	375
18	540	475	405
20	580	510	435
22	620	540	465
24	655	575	490
25	675	590	505
26	690	695	520
28	725	635	545
30	760	665	570
32	795	695	595
34	830	725	620
35	845	740	635
36	860	755	645
38	890	780	670
40	925	805	690
42	955	835	715
44	985	860	735
45	1000	875	750
46	1015	885	760
48	1040	910	780
50	1070	935	805

During weaning, ensure food is available at all times.  
 Quantities may vary depending on the breed and activity level of the puppy.



LARGE & MEDIUM: GROWTH

BODYWEIGHT (KG)	DAILY RATION (g/day)									
	JUNIOR									
	SPECIAL MEDIUM					SPECIAL LARGE				
	7 MONTHS	8 MONTHS	9-10 MONTHS	11-12 MONTHS	8 MONTHS	9-11 MONTHS	12-14 MONTHS	15-16 MONTHS	17-18 MONTHS	
2,5	110	100	90	75						
3	125	115	100	85						
3,5	140	125	110	95						
4	155	140	125	100						
4,5	165	150	135	110						
5	180	160	145	120						
6	200	180	160	135						
7	225	200	180	145						
8	245	220	195	165						
9	265	235	210	175						
10	285	255	225	190						
12	320	290	255	215						
14	355	320	285	235	380	340	305	280	255	
15	370	335	295	245	400	360	320	290	265	
16	385	350	310	260	415	375	330	305	275	
18	420	375	335	280	450	405	360	330	300	
20	450	405	360	300	480	435	385	355	320	
22	480	430	385	320	515	460	410	375	340	
24	510	455	405	340	545	490	435	400	365	
25	520	470	415	350	560	505	450	410	375	
26					575	515	460	420	385	
28					605	545	485	440	400	
30					630	570	505	465	420	
32					660	595	530	485	440	
34					685	620	550	505	460	
35					700	630	560	515	465	
36					715	640	570	525	475	
38					740	665	590	540	495	
40					765	690	610	560	510	
42					790	710	635	580	525	
44					815	735	655	600	545	
45					830	745	660	605	550	
46					840	755	670	615	560	
48					865	780	690	635	575	
50					890	800	710	650	590	
52					910	820	730	670	610	
54					935	840	750	685	625	
55					945	850	755	695	630	
56					960	860	765	705	640	
58					980	885	785	720	655	
60					1005	905	805	735	670	
62					1025	925	820	750	685	
64					1045	945	840	770	700	
65					1060	950	845	775	705	
66					1070	960	855	785	715	
68					1090	980	870	800	725	
70					1110	1000	890	815	740	

During weaning, ensure food is available at all times.  
Quantities may vary depending on the breed and activity level of the puppy.

# FEEDING TABLES



## LARGE & MEDIUM: ADULT & SENIOR

BODYWEIGHT (KG)	DAILY RATION (g/day)					
	ADULT LARGE & MEDIUM			SENIOR LARGE & MEDIUM		
	SEDENTARY	ACTIVE	VERY ACTIVE	SEDENTARY	ACTIVE	VERY ACTIVE
11	190	210	230	190	215	235
12	200	220	245	205	225	250
14	220	245	270	225	250	275
15	230	255	280	235	260	290
16	240	270	295	245	275	300
18	260	290	320	265	295	325
20	280	310	340	285	315	350
22	300	330	365	305	335	370
24	315	350	385	320	360	395
25	325	360	395	330	365	405
26	335	370	405	340	375	415
28	350	390	430	355	395	435
30	365	410	450	375	415	455
32	385	425	470	390	435	475
34	400	445	485	405	450	495
35	405	450	495	415	460	505
36	415	460	505	420	470	515
38	430	475	525	435	485	535
40	445	495	545	455	505	555
42	460	510	560	465	520	570
44	475	525	580	480	535	590
45	480	535	590	490	545	600
46	490	540	595	495	550	605
48	500	560	615	510	570	625
50	515	575	630	525	585	640
52	530	590	645	540	600	660
55	550	610	670	560	620	685
58	570	635	695	580	645	710
60	580	645	710	595	660	725
62	595	660	730	605	675	740
65	615	685	750	625	695	765
68	635	705	775	645	715	790
70	645	715	790	655	730	805
72	660	730	805	670	745	820
75	675	750	825	690	765	840
78	695	770	850	705	785	865
80	705	785	860	720	800	880

Quantities may vary depending on the breed of dog.



CLINICAL RANGE

VETERINARY<sup>®</sup>  
**HPM**



# **VETERINARY<sup>®</sup>** **HPM**

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CLINICAL  
RANGE



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# AVAILABLE SIZES CAT RANGE



	UROLOGY				WEIGHT		GASTRO		DERMATO	ALLERGY	KIDNEY & JOINT				
	1 STRUVITE DISSOLUTION	2 Dissolution & Prevention	3 Urinary WIB	WET DISSOLUTION & PREVENTION	1 Weight Loss & Diabetes	2 Weight Loss & Control	1 Digestive Support	WET Digestive Support	1 Dermatology Support	2 HYPOALLERGY hydrolysed FISH	1 Early Kidney Joint	2 Kidney Joint	3 Advanced Kidney Joint	WET Early Kidney & Joint	WET Kidney & Joint
400g													X		
1.5kg	X	X	X		X	X	X				X	X	X		
3kg	X	X	X		X	X	X		X	X	X	X	X		
7kg		X			X	X									
12x85g				chunks in gravy				loaf						chunks in gravy	
14x85g															loaf

# CLINICAL CONDITION

## PRODUCT SELECTOR



	STRUVITE DISSOLUTION	DISSOLUTION & PREVENTION	URINARY WIB	WET DISSOLUTION & PREVENTION	WEIGHT LOSS & DIABETES	WEIGHT LOSS & CONTROL	DIGESTIVE SUPPORT	WET DIGESTIVE SUPPORT	DERMATOLOGY SUPPORT	HYPOALLERGY FISH	EARLY KIDNEY & JOINT	KIDNEY & JOINT	ADVANCED KIDNEY & JOINT	WET EARLY KIDNEY & JOINT	WET KIDNEY & JOINT
Chronic hepatic insufficiency															
Chronic pancreatic insufficiency															
Chronic renal insufficiency												IRIS Stage II	IRIS Stage III & IV		IRIS Stage II to IV
Chylothorax															
Colitis answering a fibre-enhanced diet															
Constipation															
Convalescence															
Cystitis (fic)															
Dermatitis															
Dermatosis															
Diabetes mellitus with associated obesity															
Diabetes mellitus without associated obesity															
Diarrhoea															
Digestive surgery															
Food allergy/intolerance															
Hair loss															
Hyperlipaemia															
Inflammatory bowel disease															
Kidney dysfunction (IRIS stage I)															
Maldigestion malabsorption															
Megacolon															
Obesity (>30%)															
Orthopaedic surgery of the pelvis															
Osteoarthritis															
Overweight (<30%)															
Oxalate urolith prevention															
Small intestinal bacteria overgrowth															
Struvite urolith dissolution	(stones & crystals)	(crystals)													
Struvite urolith prevention															
Weight stabilisation/ control after loss															

# ANALYTICAL CONSTITUENTS

## DRY CAT RANGE

AS FED (%)	UROLOGY DISSOL	UROLOGY DISSOL & PREV	URINARY WIB	WEIGHT LOSS & DIABETES	WEIGHT LOSS & CONTROL	DIGESTIVE SUPPORT	DERMATOLOGY SUPPORT	HYPOALLERGY FISH	EARLY KIDNEY & JOINT	KIDNEY & JOINT	ADVANCED KIDNEY & JOINT
Moisture	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Protein	44	44	44	44	44	44	44	31	38	35	30
Animal to vegetable protein ratio	90/10	90/10	90/10	94/06	90/10	92/08	91/09	100/00	92/08	89/11	86/14
Fat	16	13.5	13.5	11	12	21	17.5	16	16.5	20	21
Minerals	7.5	7.5	7.5	8.5	8.5	8.5	8.5	7.5	7.5	7.5	7
Crude cellulose	4	6.5	6.5	13	11.5	3.5	5	4	6.5	3.5	3.5
Total dietary fibre	7.5	12	12	17.5	16.5	6	9	9	12.5	9.5	9.5
Starch	15	15	15	12.5	12	13	14	32	21	24	28
Calcium	0.65	0.7	0.7	1.3	1.3	1.3	1.3	0.8	0.9	1	1
Phosphorus	0.65	0.7	0.7	0.9	1.1	1.1	1.1	0.7	0.6	0.55	0.5
Ca/p ratio	1.0	1.0	1.0	1.4	1.2	1.2	1.2	1.1	1.5	1.8	2
Sodium	1.3	1.1	1.1	0.9	0.7	0.9	0.7	0.7	0.4	0.4	0.4
Potassium	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.7	0.8	0.8	0.8
Magnesium	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.06	0.06	0.06
Omega-6	2.5	2.2	2	2	2.1	3.5	3.5	3	2.5	3	3.2
Omega-3	1	0.7	1.1	0.7	0.7	1	1.1	0.7	1.5	1.5	1.5
Nitrogen free extract (NFE)	23.0	23.0	23.0	18.0	18.5	17.5	19.5	36.0	26	28.5	33
Metabolisable Energy (ME) (NRC 2006) (kcal/100g)	397	374	374	331	342	418	395	389	384	412	415
In vivo measured ME (kcal/100g)	385	364	364	306	325	419	437	383	385	410	410
Protein to calorie ratio (NRC 2006) (g/Mcal)	111	118	118	133	129	105	111	80	99	85	72
Calorie from protein (%)	42	44	44	50	48	39	42	29	37	31	26
Calorie from fat (%)	37	33	33	30	32	45	40	37	39	44	45
Calorie from NFE (%)	21	23	23	20	20	16	18	34	24	25	29
Urinary pH	6.0 - 6.5	6.0 - 6.5	6.0 - 6.5	6.0 - 6.5	6.0 - 6.5	6.0 - 6.5	6.0 - 6.5	6.0 - 6.5	6.2 - 6.7	6.5 - 7.0	6.5 - 7.0
Struvite RSS	<1	<1	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Oxalate RSS	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12

### Added vitamins & trace elements:

Vitamin A (IU/kg)	17000	17000	17000	20000	17000	19600	17000	17000	17000	17000	17000
Vitamin D3 (IU/kg)	1700	1700	1700	2000	1700	1700	1700	1700	1700	1700	1700
Vitamin E (mg/kg)	610	610	610	700	610	610	610	610	610	610	610
Vitamin K3 (mg/kg)	0.22	0.22	0.22	0.25	0.22	0.22	0.22	0.22	0.22	0.22	0.22
Vitamin B1 thiamine) (mg/kg)	11.2	11.2	11.2	13	11.2	11.2	11.2	11.2	11.2	11.2	11.2
Vitamin B2 (riboflavine) (mg/kg)	8	8	8	9	8	8	8	8	8	8	8
Vitamin B3 (PP, niacin, nicotinic ac) (mg/kg)	113.4	113.4	113.4	130	113.4	113.4	113.4	113.4	113.4	113.4	113.4
Vitamin B5 (pantothenic ac) (mg/kg)	14.5	14.5	14.5	17.4	14.5	14.5	14.5	14.5	14.5	14.5	14.5
Vitamin B6 (pyridoxine) (mg/kg)	7.6	7.6	7.6	9.1	7.6	7.6	7.6	7.6	7.6	7.6	7.6
Vitamin B8 (biotine, vitamin H) (mg/kg)	0.15	0.15	0.15	0.18	0.15	0.15	0.15	0.15	0.15	0.15	0.15
Vitamin B9 (folic ac) (mg/kg)	1.9	1.9	1.9	2.2	1.9	1.9	1.9	1.9	1.9	1.9	1.9
Vitamin B12 (cobalamine) (mg/kg)	0.046	0.046	0.046	0.055	0.046	0.053	0.046	0.046	0.046	0.046	0.046
Choline (mg/kg)	1760	1760	1760	2100	1760	1760	1760	1760	1760	1760	1760
Taurine (mg/kg)	2460	2460	2460	2900	2900	2460	2460	2460	2460	2460	2460
Copper (mg/kg)	12	12	12	14	12	12	12	12	12	12	12
Iodine (mg/kg)	0.4	0.4	0.4	0.45	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Zinc (mg/kg)	110	110	110	130	110	126	110	110	110	110	110

### Specific functional ingredients / additives:

Bentonite (g/kg)	5	5	5	5	5	5	5	5	5	5	5
<i>Lactobacillus acidophilus</i> (mg/kg)	7	7	7	7	7	7	7	7	7	7	7
Beta-glucan (mg/kg)	0	0	0	0	0	500	0	0	0	0	0
L-carnitine (mg/kg)	540	540	540	540	540	0	540	540	540	540	540
Chitosan (mg/kg)	800	800	800	800	800	800	800	800	1200	1200	1200
Chondroitine sulfate (mg/kg)	0	0	0	440	215	0	0	0	1200	1200	1200
Eggshell membrane (mg/kg)									1200	1200	1200
Nucleotides (mg/kg)	0	0	0	0	0	560	0	0	0	0	0
Butyrate (mg/kg)	0	0	0	0	0	430	0	0	0	0	0
K citrate (%)	0.3	0.3	0.3	0	0	0	0	0	0	0	0
Ca carbonate (%)	0	0	0	0	0	0	0	0	0.7	1	1
Green tea concentrate (%)	0	0	0.26	0	0	0	0	0	0	0	0



ON DRY MATTER (%)	UROLOGY DISSOL	UROLOGY DISSOL & PREV	URINARY WIB	WEIGHT LOSS & DIABETES	WEIGHT LOSS & CONTROL	DIGESTIVE SUPPORT	DERMATOLOGY SUPPORT	HYPOALLERGY FISH	EARLY KIDNEY & JOINT	KIDNEY & JOINT	ADVANCED KIDNEY & JOINT
Protein	46.6	46.6	46.6	46.6	46.6	46.6	46.6	32.8	40.2	37	31.7
Fat	16.9	14.3	14.3	11.6	12.7	22.2	18.5	16.9	17.5	21.2	22.2
Minerals	7.9	7.9	7.9	9.0	9.0	9.0	9.0	7.9	7.9	7.9	7.4
Crude cellulose	4.2	6.9	6.9	13.8	12.2	3.7	5.3	4.2	6.9	3.7	3.7
Total dietary fibre	7.9	12.7	12.7	18.5	17.5	6.3	9.5	9.5	13.2	10.1	10.1
Starch	15.9	15.9	15.9	13.2	12.7	13.8	14.8	33.9	22.2	25.4	29.6
Calcium	0.7	0.7	0.7	1.4	1.4	1.4	1.4	0.8	0.95	1.06	1.06
Phosphorus	0.7	0.7	0.7	1.0	1.2	1.2	1.2	0.7	0.63	0.58	0.53
Ca/P ratio	1.0	1.0	1.0	1.4	1.2	1.2	1.2	1.1	1.5	1.8	2.0
Sodium	1.4	1.2	1.2	1.0	0.7	1.0	0.7	0.7	0.42	0.42	0.42
Potassium	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.7	0.85	0.85	0.85
Magnesium	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.06	0.06	0.06
Omega-6	2.6	2.3	2.1	2.1	2.2	3.7	3.7	3.2	2.65	3.17	3.39
Omega-3	1.1	0.7	1.2	0.7	0.7	1.1	1.2	0.7	1.59	1.59	1.59
Nitrogen Free Extract (NFE)	24.3	24.3	24.3	19.0	19.6	18.5	20.6	38.1	27.5	30.2	34.9
Metabolisable Energy (ME) (NRC 2006) (kcal/100g)	420	396	396	350	362	442	418	412	406	436	439

ON 1000 KCAL (G)	UROLOGY DISSOL	UROLOGY DISSOL & PREV	URINARY WIB	WEIGHT LOSS & DIABETES	WEIGHT LOSS & CONTROL	DIGESTIVE SUPPORT	DERMATOLOGY SUPPORT	HYPOALLERGY FISH	EARLY KIDNEY & JOINT	KIDNEY & JOINT	ADVANCED KIDNEY & JOINT
Protein	110.8	117.6	117.6	131.3	123.2	105.3	111.4	79.7	99	85	72.3
Fat	40.3	36.1	36.1	33.2	35.1	50.2	44.3	41.1	43.0	48.5	50.6
Minerals	18.9	20.1	20.1	25.4	23.8	20.3	21.5	19.3	19.5	18.2	16.9
Crude cellulose	10.1	17.4	17.4	39.3	33.6	8.4	12.7	10.3	16.9	8.5	8.4
Total dietary fibre	18.9	32.1	32.1	52.9	48.2	14.4	22.8	23.1	32.6	23.1	22.9
Starch	37.8	40.1	40.1	37.8	35.1	31.1	35.4	82.3	54.7	58.3	67.5
Calcium	1.6	1.9	1.9	3.9	3.6	3.1	3.3	2.1	2.34	2.43	2.41
Phosphorus	1.6	1.9	1.9	2.7	3.1	2.6	2.8	1.8	1.56	1.33	1.20
Ca/P ratio	1.0	1.0	1.0	1.4	1.2	1.2	1.2	1.1	1.5	1.8	2.0
Sodium	3.3	2.9	2.9	2.7	2.0	2.2	1.8	1.8	1.04	0.97	0.96
Potassium	1.8	1.9	1.9	2.1	2.0	1.9	1.8	1.8	2.08	1.94	1.93
Magnesium	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.16	0.15	0.14
Omega-6	6.3	5.9	5.3	6.0	6.1	8.4	8.9	7.7	6.51	7.28	7.71
Omega-3	2.5	1.9	2.9	2.1	2.0	2.4	2.8	1.8	3.91	3.64	3.61
Nitrogen Free Extract (NFE)	57.9	61.5	61.5	54.4	54.1	41.9	49.4	92.5	67.7	69.2	79.5

# ANALYTICAL CONSTITUENTS

## WET CAT RANGE

AS FED (%)	DISSOLUTION AND PREVENTION WET	WET DIGESTIVE SUPPORT	WET EARLY KIDNEY & JOINT	WET KIDNEY & JOINT
Moisture	79.5	72	78.5	76
Protein	11	14	12	11
Animal/vegetable protein ratio	89/11	84/16	100/00	100/00
Fat	4.5	8.5	5.5	9
Minerals	2.1	2.3	2	2
Crude cellulose	0.8	0.9	0.8	0.8
Starch	0.8	0.4	0.8	0.4
Calcium	0.16	0.25	0.25	0.28
Phosphorus	0.15	0.2	0.17	0.15
Ca/P ratio	1.1	1.3	1.5	1.9
Sodium	0.30	0.3	0.2	0.2
Potassium	0.23	0.3	0.22	0.28
Magnesium	0.014	0.02	0.014	0.014
Omega-6	0.85	2.2	1.5	2.5
Omega-3	0.28	0.7	0.5	1.1
Nitrogen Free Extract (NFE)	2.1	2.3	1.2	1.2
Metabolisable Energy (ME) (NRC 2006) (kcal/100g)	93	136	99	124
In vivo measured ME (kcal/100g)	81	137	97	124
Protein to calorie ratio (NRC 2006) (g/Mcal)	118	103	121	89
Calorie from protein (%)	47	40	47	34
Calorie from fat (%)	44	54	48	62
Calorie from NFE (%)	9	6	5	4
Urinary pH	6.0 - 6.5	6.0 - 6.5	6.2 - 6.7	6.5 - 7.0
Struvite RSS	<1	<2.5	<2.5	<2.5
Ca oxalate RSS	<12	<12	<12	<12

### Total vitamins & trace elements:

Vitamin A (IU/kg)	29000	22000	11600	15000
Vitamin D3 (IU/kg)	150	250	130	450
Vitamin E (mg/kg)	130	200	125	130
Vitamin B1 thiamine) (mg/kg)	5	4	6	7
Vitamin B2 (riboflavine) (mg/kg)	3	4	2.5	4
Vitamin B3 (PP. niacine. nicotinic ac) (mg/kg)	45	50	44	60
Vitamin B5 (pantothenic ac) (mg/kg)	8	10	6.5	10
Vitamin B6 (pyridoxine) (mg/kg)	1.7	2.5	1.4	2
Vitamin B8 (biotine. vitamin H) (mg/kg)	0.06	0.08	0.05	0.05
Vitamin B9 (folic ac) (mg/kg)	0.8	0.5	0.75	1.0
Vitamin B12 (cobalamine) (mg/kg)	0.03	0.04	0.04	0.04
Choline (mg/kg)	1300	1500	1330	1900
Taurine (mg/kg)	1200	2000	1390	2400
Copper (mg/kg)	2.6	3	2.1	5
Iron (mg/kg)	60	80	60	75
Iodine (mg/kg)	1.5	1	1	1.2
Manganese (mg/kg)	5	4	5	5
Selenium (mg/kg)	0.4	0.4	0.3	0.35
Zinc (mg/kg)	35	55	40	45



Specific functional ingredients / additives:	DISSOLUTION AND PREVENTION WET	WET DIGESTIVE SUPPORT	WET EARLY KIDNEY & JOINT	WET KIDNEY & JOINT
Bentonite (mg/kg)	900	900	1000	1000
Chitosan (mg/kg)			300	300
Chondroitine sulfate (mg/kg)			300	
Eggshell membrane (mg/kg)			300	300
Ca carbonate (%)			0.1	0.2

**ON 1000 kcal (g)**

Protein	118.3	102.9	121.2	88.7
Fat	48.4	62.5	55.6	72.6
Minerals	22.6	16.9	20.2	16.1
Crude cellulose	8.6	6.6	8.1	6.5
Starch	8.6	2.9	8.1	3.2
Calcium	1.72	1.8	2.53	2.26
Phosphorus	1.61	1.5	1.72	1.21
Sodium	3.23	2.2	2.02	1.61
Potassium	2.47	2.2	2.22	2.26
Magnesium	0.15	0.1	0.14	0.11
Omega-6	9.14	16.2	15.15	20.16
Omega-3	3.01	5.1	5.05	8.87
Nitrogen Free Extract (NFE)	22.6	16.9	12.1	9.7
Vitamin A (IU/kg)	31183	16176	11717	12097
Vitamin D3 (IU/kg)	161	184	131	363
Vitamin E (mg/kg)	140	147	126	105
Vitamin B1 thiamine) (mg/kg)	5.4	2.9	6.1	5.6
Vitamin B2 (riboflavine) (mg/kg)	3.2	2.9	2.5	3.2
Vitamin B3 (PP. niacine. nicotinic ac) (mg/kg)	48.4	36.8	44.4	48.4
Vitamin B5 (pantothenic ac) (mg/kg)	8.6	7.4	6.6	8.1
Vitamin B6 (pyridoxine) (mg/kg)	1.8	1.8	1.4	1.6
Vitamin B8 (biotine. vitamin H) (mg/kg)	0.06	0.06	0.051	0.040
Vitamin B9 (folic ac) (mg/kg)	0.9	0.4	0.758	0.806
Vitamin B12 (cobalamine) (mg/kg)	0.03	0.03	0.040	0.032
Choline (mg/kg)	1398	1103	1343	1532
Taurine (mg/kg)	1290	1471	1404	1935
Copper (mg/kg)	2.8	2.2	2.1	4.0
Iron (mg/kg)	64.5	58.8	60.6	60.5
Iodine (mg/kg)	1.6	0.7	1.0	1.0
Manganese (mg/kg)	5.4	2.9	5.1	4.0
Selenium (mg/kg)	0.4	0.3	0.3	0.3
Zinc (mg/kg)	37.6	40.4	40.4	36.3



### FELINE LOWER URINARY TRACT DISEASES (FLUTD)

#### STONES/CRYSTALS

##### STRUVITE

Short term (5-12 weeks):  
**DIETARY DISSOLUTION**

Stones



**1 STRUVITE DISSOLUTION**  
Struvite stones

Crystals



**2 DISSOLUTION & PREVENTION**  
Struvite & Oxalate Crystals

##### CALCIUM OXALATE

Stones or Crystals  
**NO DIETARY DISSOLUTION**

**REMOVAL  
BY SURGERY**

**AFTER DISSOLUTION**

**AFTER REMOVAL**

In the long term<sup>(1)</sup>:  
**DIETARY PREVENTION<sup>(1)</sup>**

Prevention of struvite and/or calcium oxalate formation



**2 DISSOLUTION & PREVENTION**  
Struvite & Oxalate Crystals



**WET DISSOLUTION & PREVENTION**  
Struvite & Oxalate Crystals

#### CAT IDIOPATHIC CYSTITIS (FIC) (with or without crystals)

**DIETARY MANAGEMENT**

in the long term<sup>(1)</sup>



**3 URINARY WIB**  
Water Intake & Behaviour



**WET DISSOLUTION & PREVENTION**  
Struvite & Oxalate Crystals

<sup>(1)</sup> A veterinarian's opinion should be sought before use.





**AVAILABLE SIZES**  
1.5 kg, 3 kg

### CLINICAL INDICATIONS\*

- Dissolution of struvite stones (5 to 12 weeks).

### OTHER USE

- Reduction of Calcium oxalate formation.

### CONTRAINDICATIONS

- Growth.
- Gestation and lactation.
- Chronic kidney disease (CKD).
- Cardiac insufficiency.

\* Commission regulation (eu) 2020/354

### ANALYTICAL CONSTITUENTS

% as fed

• Moisture	5.5
• Protein	44
• Animal to vegetable protein ratio	90:10
• Fat	16
• Minerals	7.5
• Crude Fibre	4
• NFE*	23
• Starch	15
• Calcium	0.65
• Phosphorus	0.65
• Sodium	1.3
• Potassium	0.7
• Magnesium	0.08
• Chloride	1.8
• Sulphur	0.7
• Methionine + Cystine	1.5
• Omega-6 fatty acids	2.5
• Omega-3 fatty acids	1
• EPA+DHA	0.3

### KEY NUTRIENT VALUES

• ME** calculated (kcal/100g)***	397
• ME** measured in vivo (kcal/100g)	385
• Protein digestibility (in vivo; %)	87
• Fat digestibility (in vivo; %)	96
• Energy from protein (%)	42
• Energy from fat (%)	37
• Energy from NFE (%)	21
• Protein to Calorie ratio (g/Mcal)	111

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

**LOW CARBOHYDRATE (NFE) 23%**

**HIGH PROTEIN**

**44%**

**of ANIMAL ORIGIN 90%**

### COMPOSITION

Dehydrated pork and poultry proteins, Potato starch, Hydrolysed pork and poultry proteins, Animal fats, Minerals, Peas, Faba bean hulls, Rice, beet pulp, Linseed, Brewers yeast, Fish oil, Lignocellulose, Psyllium fibre (*Plantago (L.) spp.*), fructo-oligosaccharides, Hydrolysed crustacean (source of chitosan), Chondroitin sulphate, *Lactobacillus acidophilus*.

### SPECIFIC INGREDIENTS/ADDITIVES

• Bentonite	5g/kg
• Pasteurised <i>Lactobacillus acidophilus</i>	7 mg/kg
• Chitosan	800 mg/kg
• L-carnitine	540 mg/kg
• Potassium Citrate	0.3%

### FEEDING GUIDELINES



Body Weight (kg)	Daily ration (g/day)		
	Overweight	Normal*	Underweight
2	20	20	25
3	30	35	35
4	40	45	50
5	50	55	60
6	60	65	75
7	70	75	85
8	75	85	95
9	85	100	110
10	95	110	120

The daily ration is based on the cat's CURRENT bodyweight, and must be adjusted every month.

\*adult neutered indoor cat with optimal body weight



### KEY BENEFITS & CHARACTERISTICS

#### > Increases Water Intake

High amounts of protein stimulate water intake, help to increase urine volume and micturition frequency.<sup>(2)</sup>

#### > Low Struvite RSS <1

The formulation induces urine under-saturated for struvites, with struvite RSS\*\* < 1, to promote rapid\*\* dissolution of struvite stones.<sup>(1)</sup>

\*\*RSS: Relative Super Saturation index, in comparison to Urology 2 Dissolution & Prevention.

#### > High EPA+DHA (omega-3)

Addition of fish oil achieves a high amount of omega-3, especially EPA+DHA, which can help to limit lower urinary tract (LUT) inflammation.

#### > Urine Acidification (pH: 6.0-6.5)\*

Urinary pH between 6.0 - 6.5 allows dissolution of struvites without increasing the risk of oxalate formation.

#### > Phosphorus Binding

Added chitosan, a phosphorus binder, helps to reduce the bioavailability of phosphorus and therefore decrease its urinary excretion.<sup>(3)</sup>

### ADDITIONAL BENEFITS & CHARACTERISTICS

#### > Favours Urine Dilution

The diet has been formulated to contribute to urine dilution.

#### > Low Mineral Concentration\*

Low levels of Calcium, Phosphorus and Magnesium help reduce the risk of struvite and oxalate formation.

#### > Addition of Oxalate Inhibitor

Added Potassium citrate, a specific inhibitor, helps limit the formation of Calcium oxalate crystals.

#### > Oxalate RSS <12

The formulation induces urine metastable for calcium oxalates, with Oxalate RSS < 12<sup>(1)</sup>

#### > High Palatability

High levels of animal protein and fat guarantees high palatability and ensures maximum compliance.



# 14

## DAYS

MEAN TIME TO DISSOLUTION  
OF STRUVITE CRYSTALS<sup>(1)</sup>

# 30%

OF STRUVITE STONES WERE  
DISSOLVED WITHIN 5 DAYS  
IN AN *IN VITRO* TRIAL<sup>(2)</sup>

\* Commission regulation (eu) 2020/354

1) Chaix et al. Efficacy and safety of a new high protein - low carbohydrate dry diet in sterile Cat struvite urolithiasis. ECVIM Congress, St Julian, Malta, 14-16 Sept 2017.

2) Formankova D, Leriche I and Iben C. Effect of a new high protein - low carbohydrate diets on urinary parameters in cats in vitro struvite dissolution. ESVCN Congress Toulouse, France, 17-19 Sept 2015.

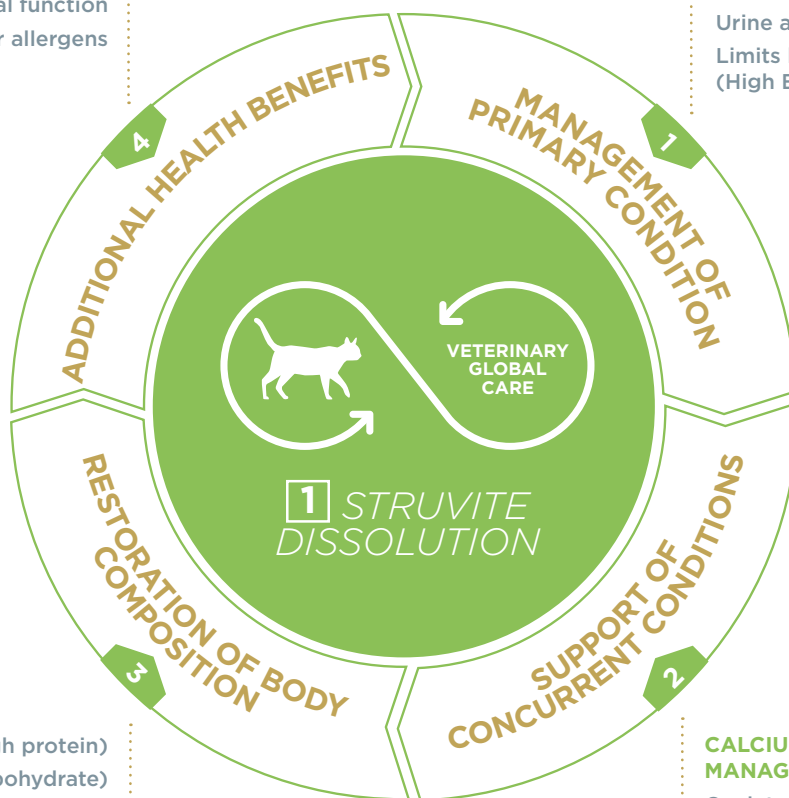
3) Leriche I, Gely MO and Nguyen P. Effect of chitosan supplementation in a dry maintenance diet on phosphorus apparent digestibility in cats. SEVC Congress, Barcelona, Spain, 15-17 Oct 2015.



High digestive tolerance  
Low glycaemic index  
Skin and Coat support  
Immune support  
Healthy renal function  
Withdrawal of major allergens

#### DISSOLUTION OF STRUVITE STONES

Stimulates water intake, helps increase urine volume and micturition frequency  
Achieves low Struvite RSS <1  
Low phosphorus and magnesium concentration  
Urine acidification (pH 6.0 – 6.5)  
Limits low urinary tract inflammation (High EPA+DHA)



Lean mass preservation (High protein)  
Fat mass limitation (Low carbohydrate)  
Added fat burner (L-Carnitine)

#### CALCIUM OXALATE UROLITHS MANAGEMENT

Oxalate RSS <12  
Added calcium oxalate inhibitor (Potassium citrate)  
Low calcium concentration



**AVAILABLE SIZES**  
1.5 kg, 3 kg, 7 kg

### CLINICAL INDICATIONS\*

- Dissolution of struvite stones.
- Reduction of struvite stone recurrence.
- Reduction of oxalate stones formation.

### CONTRAINDICATIONS

- Growth.
- Gestation and lactation.
- Chronic kidney disease (CKD).
- Cardiac insufficiency.

\* Commission regulation (eu) 2020/354

### ANALYTICAL CONSTITUENTS

% as fed

• Moisture	5.5
• Protein	44
• Animal to vegetable protein ratio	90:10
• Fat	13.5
• Minerals	7.5
• Crude Fibre	6.5
• NFE*	23
• Starch	15
• Calcium	0.7
• Phosphorus	0.7
• Sodium	1.1
• Potassium	0.7
• Magnesium	0.08
• Chloride	1.4
• Sulphur	0.7
• Methionine + Cystine	1.5
• Omega-6 fatty acids	2.2
• Omega-3 fatty acids	0.7

### KEY NUTRIENT VALUES

• ME** calculated (kcal/100g)***	374
• ME** measured in vivo (kcal/100g)	364
• Protein digestibility (in vivo; %)	86
• Fat digestibility (in vivo; %)	91.5
• Energy from protein (%)	44
• Energy from fat (%)	33
• Energy from NFE (%)	23
• Protein to Calorie ratio (g/Mcal)	118

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

**LOW CARBOHYDRATE (NFE) 23%**

**HIGH PROTEIN 44%**

**of ANIMAL ORIGIN 90%**

### COMPOSITION

Dehydrated pork and poultry proteins, Potato starch, Hydrolysed pork and poultry proteins, Animal fats, Minerals, Faba bean hulls, Peas, Lignocellulose, Rice, Beet pulp, Linseed, Brewers yeast, Psyllium fibre (*Plantago (L.) spp.*), Fructo-oligosaccharides, Hydrolysed crustacean (source of chitosan), Chondroitin sulphate, *Lactobacillus acidophilus*.

### SPECIFIC INGREDIENTS/ADDITIVES

• Bentonite	5g/kg
• Pasteurised <i>Lactobacillus acidophilus</i>	7 mg/kg
• Chitosan	800 mg/kg
• L-carnitine	540 mg/kg
• Potassium Citrate	0.3%

### FEEDING GUIDELINES



Body Weight (kg)	Daily ration (g/day)		
	Overweight Soft weight loss	Normal*	Underweight
2	20	25	25
3	30	35	40
4	40	45	50
5	50	60	65
6	60	70	75
7	70	80	90
8	80	90	105
9	90	105	115
10	105	115	130

The daily ration is based on the cat's CURRENT bodyweight, and must be adjusted every month.

\*adult neutered indoor cat with optimal body weight



### KEY BENEFITS & CHARACTERISTICS

#### > Increases Water Intake

High amounts of protein stimulate water intake, increase urine volume and micturition frequency.<sup>(1)</sup>

#### > Low Struvite RSS <1

The formulation induces urine under-saturated for struvites, with struvite RSS\*\* <1, to promote dissolution of existing struvite crystals and prevent formation of new ones.<sup>(2)</sup>

\*\*RSS: Relative Super Saturation index.

#### > Optimises Urinary pH\*

Urinary pH between 6.0 - 6.5 to prevent both struvite and oxalate crystal formation.

#### > Phosphorus Binding

Added chitosan, a phosphorus binder, helps to reduce the bioavailability of phosphorus and therefore decrease its urinary excretion.<sup>(2)</sup>

#### > Body Weight Control

The moderate energy density of the diet and the adapted feeding rations help maintain optimal body weight.

### ADDITIONAL BENEFITS & CHARACTERISTICS

#### > Favours Urine Dilution

The diet has been formulated to contribute to urine dilution.

#### > Low Mineral Concentration\*

Low levels of Calcium, Phosphorus and Magnesium help reduce the risk of struvite and oxalate formation.

#### > Addition of Oxalate Inhibitor

Added Potassium citrate, a specific inhibitor, helps limit the formation of Calcium oxalate crystals.

#### > Oxalate RSS <12\*

The formulation induces urine metastable for calcium oxalates, with Oxalate RSS < 12.<sup>(1)</sup>

#### > High Palatability

High levels of animal protein guarantees high palatability and ensures maximum compliance in the long term.

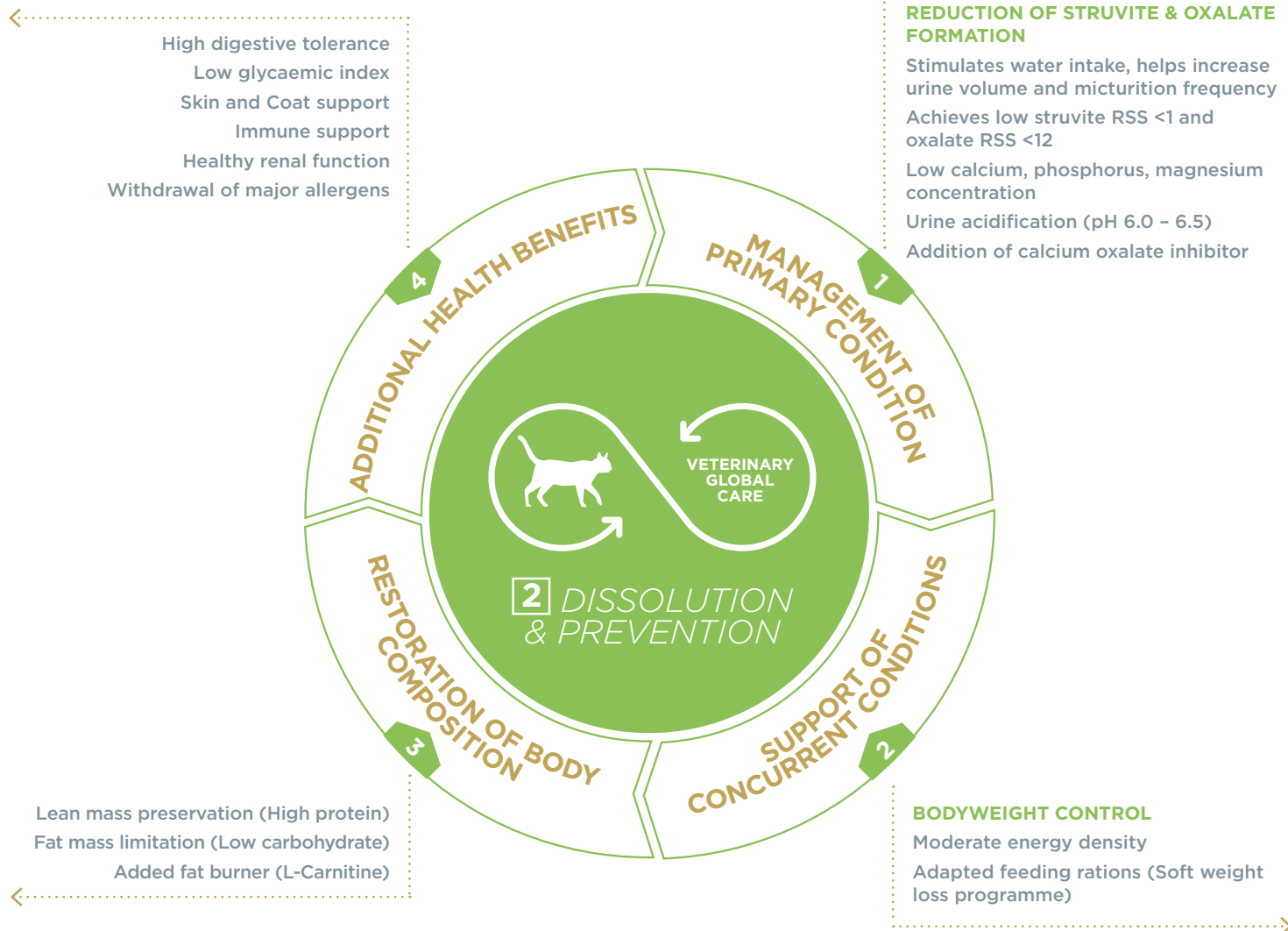


**20.5**  
DAYS

**MEAN TIME TO ACHIEVE FULL EFFECT**  
(Full resolution of clinical signs, no abnormalities on ultrasonic examination and urinalysis) <sup>(1)</sup>

\* Commission regulation (eu) 2020/354

1) Formankova D., Leriche I., Iben C. Effect of new high protein - low carbohydrate diets on urinary parameters in cats and in vitro struvite dissolution. ESVCN Congress, Toulouse, France, 17-19 Sept 2015.  
2) Leriche I., Gely MO and Nguyen P. Effect of chitosan supplementation in a dry maintenance diet on phosphorus apparent digestibility in cats. SEVC Congress, Barcelona, Spain, 15-17 Oct 2015.





**AVAILABLE SIZES**  
1.5 kg, 3 kg

### CLINICAL INDICATIONS\*

- Reduction of struvite stone recurrence.
- Reduction of oxalate stones formation.

### OTHER USE

- Feline Idiopathic Cystitis (FIC).

### CONTRAINDICATIONS

- Growth.
- Gestation and lactation.
- Chronic kidney disease (CKD).
- Cardiac insufficiency.

\* Commission regulation (eu) 2020/354

### ANALYTICAL CONSTITUENTS

% as fed

• Moisture	5.5
• Protein	44
• Animal to vegetable protein ratio	90:10
• Fat	13.5
• Minerals	7.5
• Crude Fibre	6.5
• NFE*	23
• Starch	15
• Calcium	0.7
• Phosphorus	0.7
• Sodium	1.1
• Potassium	0.7
• Magnesium	0.08
• Chloride	1.4
• Sulphur	0.7
• Methionine + Cystine	1.5
• Omega-6 fatty acids	2.2
• Omega-3 fatty acids	1.1
• EPA+DHA	0.4

### KEY NUTRIENT VALUES

• ME** calculated (kcal/100g)***	374
• ME** measured in vivo (kcal/100g)	364
• Protein digestibility (in vivo; %)	86
• Fat digestibility (in vivo; %)	91.5
• Energy from protein (%)	44
• Energy from fat (%)	33
• Energy from NFE (%)	23
• Protein to Calorie ratio (g/Mcal)	118

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

**LOW CARBOHYDRATE (NFE) 23%**

**HIGH PROTEIN**

**44%**

**of ANIMAL ORIGIN 90%**

### COMPOSITION

Dehydrated pork and poultry proteins, Potato starch, Hydrolysed pork and poultry proteins, minerals, Faba bean hulls, Peas, Animal fats, Lignocellulose, Rice, Beet pulp, Linseed, Brewers yeast, Fish oil, psyllium fibre (*Plantago (L.) spp.*), Fructo-oligosaccharides, Dried green tea concentrate, Hydrolysed crustacean (source of chitosan), Chondroitin sulphate, *Lactobacillus acidophilus*.

### SPECIFIC INGREDIENTS/ADDITIVES

• Green tea concentrate	0.26%
• Bentonite	5g/kg
• Pasteurised <i>Lactobacillus acidophilus</i>	7 mg/kg
• Chitosan	800 mg/kg
• L-carnitine	540 mg/kg
• Potassium Citrate	0.3%

### FEEDING GUIDELINES



Body Weight (kg)	Daily ration (g/day)		
	Overweight Soft weight loss	Normal*	Underweight
2	20	25	25
3	30	35	40
4	40	45	50
5	50	60	65
6	60	70	75
7	70	80	90
8	80	90	105
9	90	105	115
10	105	115	130

The daily ration is based on the cat's **CURRENT** body weight, and must be adjusted every month, or fortnightly in the case of a soft weight loss programme.

\*adult neutered indoor cat with optimal body weight





### KEY BENEFITS & CHARACTERISTICS

#### > Increases Water Intake

High amounts of protein stimulate water intake, increase urine volume and micturition frequency.<sup>(1)</sup>

#### > BEHAVIOUR Plus Complex

The diet includes L-theanine, which is known to help cats cope with anxiety-related emotional disorders.<sup>(4)</sup>

#### > Low Struvite RSS <2.5

The formulation induces urine under-saturated for struvites, with struvite RSS\*\* <2.5, to prevent the formation of crystals.<sup>(2)</sup>

\*\*RSS: Relative Super Saturation index.

#### > High EPA+DHA (omega-3)

Addition of fish oil achieves a high amount of omega-3, especially EPA+DHA, which can help to limit lower urinary tract (LUT) inflammation.

#### > Body Weight Control

Moderate energy density and adapted feeding rations help maintain optimal body weight.

### ADDITIONAL BENEFITS & CHARACTERISTICS

#### > Favours Urine Dilution

The diet has been formulated to contribute to urine dilution.

#### > Low Mineral Concentration\*

Low levels of Calcium, Phosphorus and Magnesium help reduce the risk of struvite and oxalate formation.

#### > Phosphorus Binding

Added chitosan, a phosphorus binder, helps to reduce the bioavailability of phosphorus and therefore decrease its urinary excretion.<sup>(3)</sup>

#### > Addition of Oxalate Inhibitor

Added Potassium citrate, a specific inhibitor, helps limit the formation of Calcium oxalate crystals.

#### > Oxalate RSS <12\*

The formulation induces urine metastable for calcium oxalates, with Oxalate RSS < 12.<sup>(2)</sup>

#### > Optimises Urinary pH\*

Urinary pH between 6.0 - 6.5 to prevent struvite and oxalate crystal formation.



# 25%

WATER INTAKE (in ml/kg BW/day)  
SIGNIFICANTLY INCREASED VS A  
REFERENCE DRY DIET FOR STRUVITE  
PREVENTION.<sup>(1)</sup>

# 30%

URINARY VOLUME (in ml/kg BW/day)  
SIGNIFICANTLY INCREASED VS A  
REFERENCE DRY DIET FOR STRUVITE  
PREVENTION.<sup>(1)</sup>

\* Commission regulation (eu) 2020/354

1) Chaix G., Fournel S., Leriche I. Assessment of water intake and urine volume in cats fed a new high-protein high-sodium dry diet. ISFM Congress, Brighton, UK, 28 June - 02 July 2017.

2) Formankova D, Leriche I and Iben C. Effect of a new high protein - low carbohydrate diets on urinary parameters in cats in vitro struvite dissolution. ESVCN Congress Toulouse, France, 17-19 Sept 2015.

3) Leriche I., Gely MO., Nguyen P. Effect of chitosan supplementation in a dry maintenance diet on phosphorus apparent digestibility in cats. SEVC Congress, Barcelona, Spain, 15-17 Oct 2015.

4) Dramard V., Kern L., Hofman J., Halsberghe C. and Reme C. Clinical efficacy of L-theanine tablets to reduce anxiety-related emotional disorders in cats: a pilot open-label clinical trial. 6th IVBM, Italy 2007.



High digestive tolerance  
Low glycaemic index  
Skin and Coat support  
Immune support  
Healthy renal function  
Withdrawal of major allergens

#### REDUCTION OF STRUVITE & OXALATE FORMATION

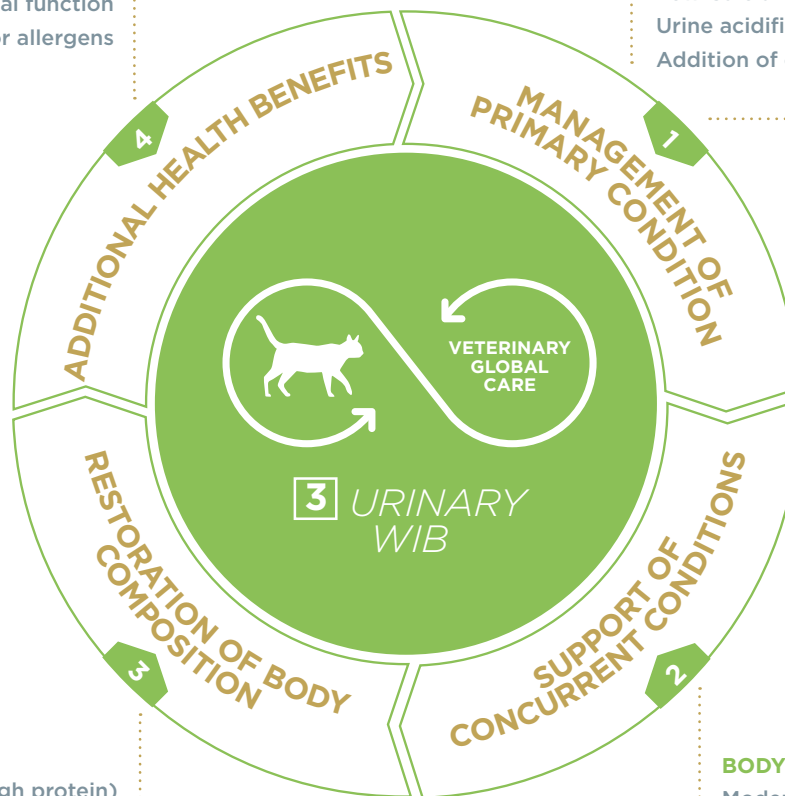
Stimulates water intake, help increase urine volume and micturition frequency  
Achieves low struvite RSS <2.5 and oxalate RSS <12  
Low Calcium, phosphorus, magnesium concentration  
Urine acidification (pH 6.0 – 6.5)  
Addition of calcium oxalate inhibitor

#### FELINE IDIOPATHIC CYSTITIS MANAGEMENT

Behaviour plus complex (Green tea concentrate to manage stress)  
Stimulates water intake, help increase urine volume and micturition frequency  
Limits lower urinary tract inflammation (High EPA+DHA)

#### BODYWEIGHT CONTROL

Moderate energy density  
Adapted feeding rations (Soft weight loss programme)



Lean mass preservation (High protein)  
Fat mass limitation (low carbohydrate)  
Added fat burner (L-Carnitine)



### AVAILABLE SIZES

12x85g (Box)

### CLINICAL INDICATIONS\*

- Dissolution of struvite stones.
- Reduction of struvite stone recurrence.
- Reduction of oxalate stones formation.

### CONTRAINDICATIONS

- Growth.
- Gestation and lactation.
- Chronic kidney disease (CKD).
- Cardiac insufficiency.

\* Commission regulation (eu) 2020/354

### ANALYTICAL CONSTITUENTS

% as fed

• Moisture	79.5
• Protein	11
• Animal to vegetable protein ratio	89:11
• Fat	4.5
• Minerals	2.1
• Crude Cellulose	0.8
• NFE*	2.1
• Calcium	0.22
• Phosphorus	0.15
• Sodium	0.30
• Potassium	0.23
• Magnesium	0.014
• Chloride	0.40
• Sulphur	0.40
• Omega-6 fatty acids	0.85
• Omega-3 fatty acids	0.28

### KEY NUTRIENT VALUES

• ME** calculated (kcal/100g)***	93
• ME** measured in vivo (kcal/100g)	81
• Protein digestibility (in vivo; %)	89
• Fat digestibility (in vivo; %)	93
• Energy from protein (%)	47
• Energy from fat (%)	44
• NFE (%)	9
• Urinary pH	6.0-6.5
• Struvite RSS	<1
• Oxalate RSS	<12

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

**LOW CARBOHYDRATE (NFE) 2.1%**

**HIGH PROTEIN**

**11%**

**of ANIMAL ORIGIN 89%**

### COMPOSITION

**Chunks (50%):** pork kidney, chicken liver, pork lung lobe, chicken skin, chicken gizzard, pork plasma, minerals and vitamins, chicken neck, pea protein extract, digest, lignocellulose, fish oil cellulose, potato starch, sunflower oil, caramel.

**Gravy (50%):** water, potato starch, caramel.

### SPECIFIC INGREDIENTS/ADDITIVES

- Bentonite **900mg/kg**

### FEEDING GUIDELINES



If exclusively feeding with WET

Body Weight (kg)	Daily ration (pouch/day)		
	Overweight	Normal*	Underweight
2	1	1	1
3	1.5	1.5	2
4	2	2	2.5
5	2.5	2.5	3
6	3	3	3.5
7	3.5	4	4
8	4	4.5	5
9	4.5	5	5.5
10	5	5.5	6

Mixed feeding is also possible, combining VETERINARY HPM\* Wet and Dry Urology diets. We propose to provide around 50% of the energy needed with wet and 50% with dry, but all combinations are possible depending on the individual case.

If feeding ration composed of both WET & DRY VET HPM U1

Body Weight (kg)	Overweight		Normal*		Underweight	
	Wet (pouch/day)	Dry (g/day)	Wet (pouch/day)	Dry (g/day)	Wet (pouch/day)	Dry (g/day)
2	0.5	10	0.5	10	0.5	15
3	0.5	20	0.5	25	1	15
4	1	20	1	25	1	30
5	1	30	1	35	1	45
6	1	40	1	45	1	55
7	1	50	2	35	2	45
8	2	35	2	45	2	55
9	2	45	2	60	2	70
10	2	55	2	70	2	80

If feeding ration composed of both WET & DRY VET HPM U2 or U3

Body Weight (kg)	Overweight		Normal*		Underweight	
	Wet (pouch/day)	Dry (g/day)	Wet (pouch/day)	Dry (g/day)	Wet (pouch/day)	Dry (g/day)
2	0.5	10	0.5	10	0.5	15
3	0.5	20	0.5	25	1	15
4	1	20	1	25	1	30
5	1	30	1	35	1	45
6	1	40	1	45	1	55
7	1	50	2	40	2	45
8	2	40	2	50	2	60
9	2	50	2	60	2	75
10	2	60	2	75	2	85

\*adult neutered indoor cat with optimal body weight



NUTRITION  
FOR CARNIVORES



VETERINARY  
GLOBAL CARE



#### KEY BENEFITS & CHARACTERISTICS

##### > Supports hydration

The water content in the diet naturally increases total water intake (food water + drinking water) for optimal water turnover in the body

##### > Low Struvite RSS (<1)

The formulation induces urine under-saturated for struvites, with struvite RSS\*\* index < 1, to promote the dissolution of existing struvite crystals and prevent the formation of new ones.

\*\*RSS: *Relative Super Saturation index*.

##### > Optimises Urinary pH\*

Urinary pH between 6.0 - 6.5 to prevent struvite and oxalate crystal formation.

##### > Optimal Body Weight

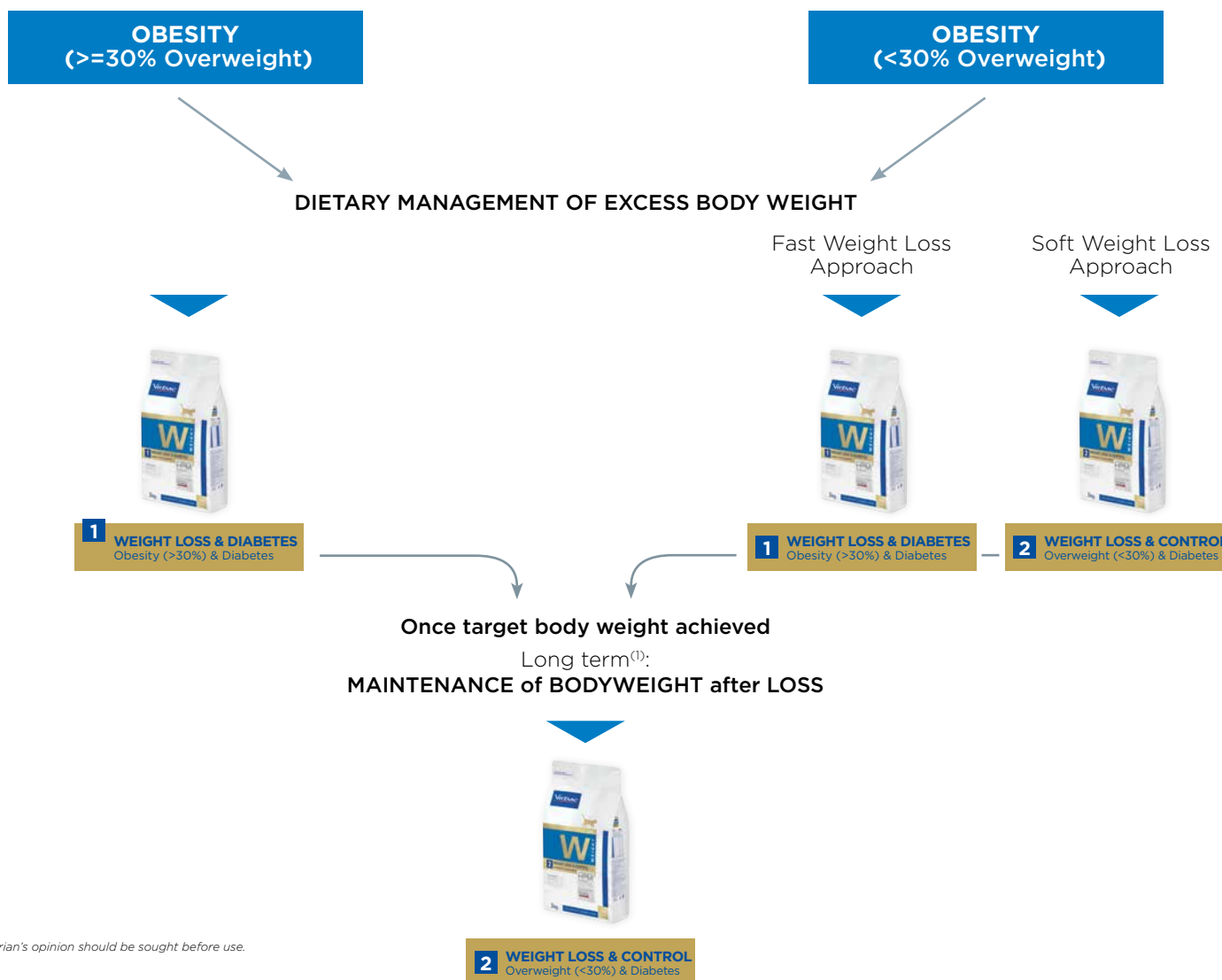
The low energy content, the energy balance (Protein: Fat:Carbohydrate), and the adapted feeding recommendations help maintain a healthy weight. The high water content helps with satiety.

##### > High Palatability

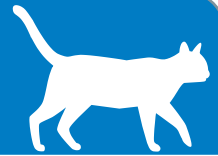
High proportion of ingredients of animal origin (87%) and the formulation (high protein - very low carbohydrate) help to meet the natural preference of domestic cats.



### FELINE OBESITY



<sup>1)</sup> A veterinarian's opinion should be sought before use.



### DIABETES MELLITUS

OVERWEIGHT

OPTIMAL BODY WEIGHT

DIETARY MANAGEMENT OF DIABETES  
AND EXCESS BODY WEIGHT

DIETARY MANAGEMENT OF DIABETES  
AND WEIGHT CONTROL



**1** **WEIGHT LOSS & DIABETES**  
Overweight (>30%) & Diabetes



**2** **WEIGHT LOSS & CONTROL**  
Overweight (<30%) & Diabetes



### AVAILABLE SIZES

1.5 kg, 3 kg, 7 kg.

### ANALYTICAL CONSTITUENTS

% as fed

• Moisture	5.5
• Protein	44
• Animal to vegetable protein ratio	94:06
• Fat	11
• Minerals	8.5
• Crude Fibre	13
• NFE*	18
• Starch	12.5
• Calcium	1.3
• Phosphorus	0.9
• Sodium	0.9
• Total sugars	1
• Omega-6 fatty acids	2
• Omega-3 fatty acids	0.7

### KEY NUTRIENT VALUES

• ME** calculated (kcal/100g)***	331
• ME** measured in vivo (kcal/100g)	306
• Protein digestibility (in vivo; %)	84
• Fat digestibility (in vivo; %)	94
• Energy from protein (%)	50
• Energy from fat (%)	30
• Energy from NFE (%)	20
• Protein to Calorie ratio (g/Mcal)	133

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

**LOW CARBOHYDRATE (NFE) 18%**

**HIGH PROTEIN 44%**

**of ANIMAL ORIGIN 94%**

### COMPOSITION

Dehydrated pork and poultry proteins, Lignocellulose, Potato starch<sup>(1)</sup>, Hydrolysed pork and poultry proteins, Minerals, Animal fats, Linseed, Beet pulp, Brewers yeast, Psyllium fibre (*Plantago* (*L.*) *spp.*), Fructo-oligosaccharides, Hydrolysed crustacean (source of chitosan), Chondroitin sulphate, *Lactobacillus acidophilus*.

(1) Carbohydrate sources

### SPECIFIC INGREDIENTS/ADDITIVES

• Bentonite	5g/kg
• Pasteurised <i>Lactobacillus acidophilus</i>	7 mg/kg
• Chitosan	800 mg/kg
• L-carnitine	540 mg/kg
• Chondroitin sulphate	440 mg/kg

### FEEDING GUIDELINES



IN THE CASE OF OBESITY  
WITHOUT CONCURRENT DIABETES

Target Body Weight (kg)	Daily ration (g/day)	
	High restriction	Moderate restriction
2	15	25
3	25	35
4	35	45
5	45	60
6	50	70
7	60	80
8	70	95
9	80	105
10	85	115

The daily ration is based on the cat's **TARGET** bodyweight.

IN THE CASE OF OBESITY  
ASSOCIATED WITH DIABETES

Current Body Weight (kg)	Daily ration (g/day)
2	25
3	35
4	45
5	60
6	70
7	80
8	95
9	105
10	115

The daily ration is based on the cat's **CURRENT** body-weight, and must be adjusted every week. Always provide a generous supply of fresh drinking water.

### CLINICAL INDICATIONS\*

- Reduction of excessive body weight.
- Regulation of glucose supply (diabetes mellitus); only in case of associated obesity.

### OTHER USE

- Fibre-responsive colitis.
- Constipation.
- Lipid metabolism disorders (hyperlipidemia).

### CONTRAINDICATIONS

- Growth.
- Gestation and lactation.
- Chronic kidney disease (CKD).

\* Commission regulation (eu) 2020/354





### KEY BENEFITS & CHARACTERISTICS

#### > Low Energy Density\*

Low energy density of the diet helps achieve rapid weight loss.<sup>(1)</sup>

#### > Joint Support

Addition of chondroitin sulphate and chitosan to help maintain cartilage elasticity and resistance, and curb arthritic degeneration aggravated by excess weight..

#### > Improves Lean mass / Fat Mass Ratio

High Protein - Low Carbohydrate (HP-LC) formulation helps to maintain lean mass and decrease fat mass during weight loss.<sup>(1)</sup>

#### > High Crude Fibre Improves Satiety

High crude fibre content, especially insoluble fibres, in association with a high level of protein, helps promote satiety.

#### > Low Glycaemic Index & Total Sugar

High Protein - Low Carbohydrate (HP-LC) formulation, with low amounts of starch and total sugars, helps to reduce the impact on glycaemia and insulinaemia, therefore assisting in the management of patients with diabetes mellitus or insulin resistance.<sup>(1)</sup>

### ADDITIONAL BENEFITS & CHARACTERISTICS

#### > Fat Burning

Added L-carnitine, a fat burner, facilitates energy production from lipids helping to preserve lean mass during weight loss.

#### > Increased levels of Vitamins and Trace Elements (by 15%)\*\*

Formula enriched with vitamins and trace elements which guarantees adequate contributions despite feeding restrictions.

#### > High Palatability

High levels of animal protein respect the natural preferences of carnivores to achieve compliance.

#### > Limits the risk of Feline Lower Urinary Tract Disease (FLUTD)

##### Increase Water Intake:

A high level of protein stimulates water intake, increasing urine volume and micturition frequency.<sup>(2)</sup>

##### Favour Urine Dilution:

The diet has been formulated to contribute to urine dilution.

#### > Suitable for Adult and Senior cats

The essential nutrients fit the daily requirement of adult and senior cats.



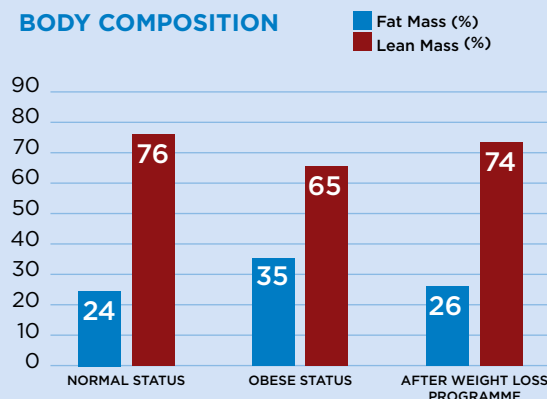
# 100%

OF CATS HAVE  
REACHED THEIR  
TARGET BODY WEIGHT<sup>(1)</sup>

# 1.7%

OF MEAN WEIGHT  
LOSS/PER WEEK<sup>(1)</sup>

### BODY COMPOSITION



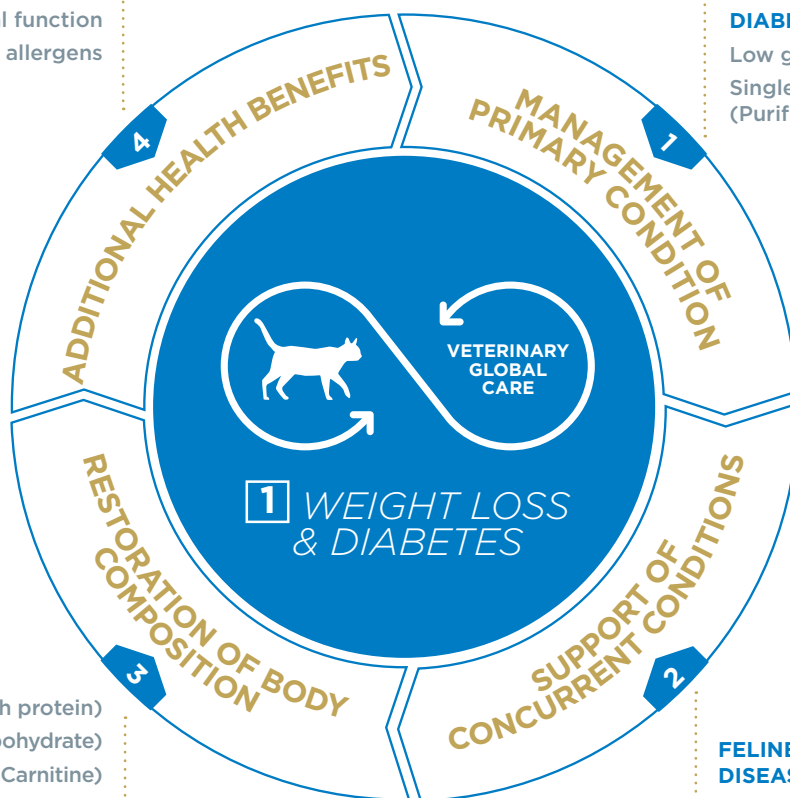
\* Commission regulation (eu) 2020/354

\*\* compared to VETERINARY HPM\* Adult Neutered Cat

1) André A., Leriche I., Chaix G., Sauvinet V., Thorin C., Nguyen P. Weight loss with a high protein diet allows the recovery of optimal body composition and improves insulin sensitivity in obese cats. ESVCN Congress, Berlin, Germany, 15-17 Sept 2016.



Immune support  
High digestive tolerance  
Healthy renal function  
Withdrawal of major allergens



### REDUCTION OF EXCESSIVE BODY WEIGHT

Low energy density (Reduced fat content)  
Helps increase satiety (High fibre, High protein)  
Increased volumetric ration (Low kibble density)  
Adapted feeding rations

### DIABETES MELLITUS MANAGEMENT

Low glycaemic index  
Single source of carbohydrate (Purified potato starch)

Lean mass preservation (High protein)  
Fat mass loss (Low carbohydrate)  
Added fat burner (L-Carnitine)

### FELINE LOWER URINARY TRACT DISEASE MANAGEMENT

Stimulates water intake, helps increase urine volume and micturition frequency  
Optimises urine acidification (pH 6.0 - 6.5)

### JOINT SUPPORT

Muscle Mass preservation (High protein)  
Chondroprotective agents (Chondroitin Sulphate + Chitosan, Vitamin E)



**AVAILABLE SIZES**  
1.5 kg, 3 kg, 7 kg.

### CLINICAL INDICATIONS\*

- Reduction of excessive body weight.
- Regulation of glucose supply (diabetes mellitus); only in case of normal body weight.

### OTHER USE

- Fibre-responsive colitis.
- Constipation.

### CONTRAINDICATIONS

- Growth.
- Gestation and lactation.
- Chronic kidney disease (CKD).

\* Commission regulation (eu) 2020/354

### ANALYTICAL CONSTITUENTS

% as fed

• Moisture	5.5
• Protein	44
• Animal to vegetable protein ratio	90:10
• Fat	12
• Minerals	8.5
• Crude Fibre	11.5
• NFE*	18.5
• Starch	12
• Total sugars	1.4
• Calcium	1.3
• Phosphorus	1.1
• Sodium	0.7
• Omega-6 fatty acids	2.1
• Omega-3 fatty acids	0.7

### KEY NUTRIENT VALUES

• ME** calculated (kcal/100g)***	342
• ME** measured in vivo (kcal/100g)	325
• Protein digestibility (in vivo; %)	82.5
• Fat digestibility (in vivo; %)	94.5
• Energy from protein (%)	48
• Energy from fat (%)	32
• Energy from NFE (%)	20
• Protein to Calorie ratio (g/Mcal)	129

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

**LOW CARBOHYDRATE (NFE) 18.5%**

**HIGH PROTEIN**

**44%**

**of ANIMAL ORIGIN 90%**

### COMPOSITION

Dehydrated pork and poultry proteins, Lignocellulose, Potato starch<sup>(1)</sup>, Hydrolysed pork and poultry proteins, Animal fats, Rice<sup>(1)</sup>, Peas<sup>(1)</sup>, Minerals, Faba bean hulls, Linseed, Beet pulp, Brewers yeast, Psyllium fibre (*Plantago* (L.) spp.), Fructo-oligosaccharides, Hydrolysed crustacean (source of chitosan), Chondroitin sulphate, *Lactobacillus acidophilus*.

(1) Carbohydrate sources

### SPECIFIC INGREDIENTS/ADDITIVES

• Bentonite	5g/kg
• Pasteurised <i>Lactobacillus acidophilus</i>	7 mg/kg
• Chitosan	800 mg/kg
• L-carnitine	540 mg/kg
• Chondroitin sulphate	215 mg/kg

### FEEDING GUIDELINES



Body Weight (kg)	Daily ration (g/day)		
	Weight loss	Weight control	Diabetes (without obesity)
2	20	25	25
3	35	40	40
4	45	50	50
5	55	65	65
6	65	75	75
7	80	90	90
8	90	100	100
9	100	115	115
10	110	125	125

The daily ration is based on the cat's CURRENT bodyweight, and must be adjusted every week in case of weight loss and every month in case of maintenance.



### KEY BENEFITS & CHARACTERISTICS

#### > Low Energy Density\*

Low energy density of the diet helps achieve soft weight loss.<sup>(1)</sup>

#### > Moderate Restriction of Daily Ration

Ideal for soft weight loss allowing the feeding of moderate daily rations, to help achieve better compliance.<sup>(1)</sup>

#### > Improves Lean Mass / Fat Mass Ratio

High Protein- Low Carbohydrate (HP-LC) formulation helps preserve lean mass during weight loss and maintain ideal body composition after weight loss.<sup>(2)</sup>

#### > High Palatability

High levels of animal protein guarantess high palatability for better compliance.<sup>(1)</sup>

#### > Low Glycaemic Index & Total Sugar

High Protein - Low Carbohydrate (HP-LC) formulation, with low amounts of starch and total sugars, helps to reduce the impact on glycaemia and insulinaemia, therefore assisting in the management patients with diabetes mellitus or insulin resistance.

### ADDITIONAL BENEFITS & CHARACTERISTICS

#### > Fat Burning

Added L-carnitine, a fat burner, facilitates energy production from lipids helping to preserve lean mass during weight loss.

#### > Increases Water Intake

High dietary protein amount stimulates water intake, increases urine volume and micturition frequency<sup>(1)</sup> contributing to a healthy urinary system.

#### > Favours Urine Dilution

The diet has been formulated to contribute to urine dilution.

#### > Increased Fibre

Fibre helps promote satiety and regulates starch digestion and glucose absorption.

#### > Coat Condition

Balanced levels of omega-6 and omega-3 contribute to normal coat condition.

#### > Suitable for Adult and Senior Cats

The essential nutrients fit the daily requirement of adult and senior cats.



# 67%

HAVE SIGNIFICANTLY  
LOST BODY WEIGHT<sup>(1)</sup>

# 1.2%

OF MEAN WEIGHT  
LOSS/PER WEEK<sup>(1)</sup>

\* Commission regulation (eu) 2020/354

1) Leriche I., Navarro C., Fournel S., Chaix G. Weight management in client-owned cats fed a high protein - low carbohydrate maintenance diet. SEVC Congress, Barcelona, Spain, 16-18 Oct 2014.

2) André A., Leriche I., Chaix G., Nguyen P. A high protein intake allows the preservation of lean mass and prevents the increase of fat mass, compared to a moderat protein intake, in neutered cats. ASAS Congress, Orlando, USA, 12-16 July 2015.

# WEIGHT

2

## WEIGHT LOSS & CONTROL

Overweight (<30%) & Diabetes



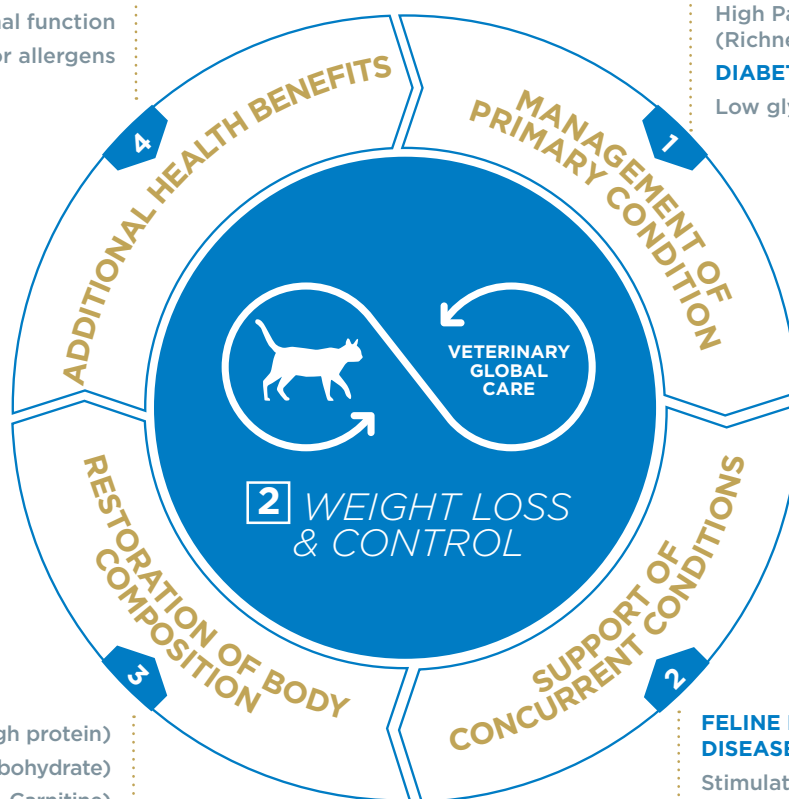
Skin and Coat support  
Immune support  
High digestive tolerance  
Healthy renal function  
Withdrawal of major allergens

### REDUCTION OF EXCESSIVE BODY WEIGHT/ MAINTENANCE OF IDEAL BODY WEIGHT AFTER WEIGHT LOSS PROGRAMME

Low energy density (Reduced fat content)  
Helps increase satiety  
(High fibre, High protein)  
Adapted feeding rations  
(Soft weight loss programme)  
High Palatability  
(Richness in animal protein and fat)

### DIABETES MELLITUS MANAGEMENT

Low glycaemic index



Lean mass preservation (High protein)  
Fat mass loss (Low carbohydrate)  
Added fat burner (L-Carnitine)

### FELINE LOWER URINARY TRACT DISEASE MANAGEMENT

Stimulates water intake, helps increase urine  
volume and micturition frequency  
Optimises urine acidification (pH 6.0 – 6.5)

### JOINT SUPPORT

Muscle mass preservation (high protein)  
Chondroprotective agents (chondroitin  
sulphate, chitosan, vitamin E)



### CHRONIC FELINE DIGESTIVE DISEASES

#### CONSTIPATION

Responsive to  
FIBRE-ENHANCED DIET



or



**1 WEIGHT LOSS & DIABETES**  
Overweight (>30%) & Diabetes

**2 WEIGHT LOSS & CONTROL**  
Overweight (<30%) & Diabetes

#### DIARRHOEA

Suspicion of Food  
Intolerance/Allergy

ELIMINATION TRIAL  
(6-8 weeks)



**2 ALLERGY FOOD INTOLERANCE**  
With hydrolysed fish protein

**IMPROVEMENT**

Long term<sup>(1)</sup>  
FOOD ELIMINATION



**2 ALLERGY FOOD INTOLERANCE**  
With hydrolysed fish protein

Other Gastro-Intestinal  
Disorders

**NO IMPROVEMENT**

Medium / Long term<sup>(2)</sup>  
GASTRO INTESTINAL SUPPORT



**1 DIGESTIVE SUPPORT**  
Maldigestion & Restoration



**WET DIGESTIVE SUPPORT**  
Maldigestion & Restoration

<sup>1)</sup> If signs of intolerance disappear, this food can be used indefinitely (European Commission directive 2020/354)

<sup>2)</sup> Up to 12 weeks, it is recommended that a veterinarian's opinion be sought before use and continuation of diet feeding.



**AVAILABLE SIZES**  
1.5 kg, 3 kg

## CLINICAL INDICATIONS\*

LINKED TO GASTROINTESTINAL DISORDERS:

- Compensation for maldigestion
- Reduction of intestinal absorptive disorders.
- Chronic Exocrine Pancreatic Insufficiency.

LINKED TO RECOVERY

- Nutritional restoration.
- Convalescence.

## OTHER USE

- Gastritis / Enteritis / Colitis.
- Megacolon.
- Inflammatory Bowel Disease.
- Recovery after digestive surgery.
- Recovery after disease.
- Recovery after anorexia period.

## CONTRAINDICATIONS

- Chronic kidney disease (CKD).
- Cardiac insufficiency.
- Chronic hepatic insufficiency

\* Commission regulation (eu) 2020/354

## ANALYTICAL CONSTITUENTS

% as fed

• Moisture	5.5
• Protein	44
• Animal to vegetable protein ratio	92:08
• Fat	21
• Minerals	8.5
• Crude Fibre	3.5
• NFE*	17.5
• Starch	13
• Calcium	1.3
• Phosphorus	1.1
• Sodium	0.9
• Potassium	0.8
• Omega-6 fatty acids	3.5
• Omega-3 fatty acids	1
• EPA+DHA	0.3

## KEY NUTRIENT VALUES

• ME** calculated (kcal/100g)***	418
• ME** measured in vivo (kcal/100g)	419
• Protein digestibility (in vivo; %)	91
• Fat digestibility (in vivo; %)	95
• Energy from protein (%)	39
• Energy from fat (%)	45
• Energy from NFE (%)	16
• Protein to Calorie ratio (g/Mcal)	105

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

**LOW CARBOHYDRATE (NFE) 17.5%**

**HIGH PROTEIN**

**44%**

**of ANIMAL ORIGIN**

**92%**

## COMPOSITION

Dehydrated pork and poultry proteins<sup>(1)</sup>, Rice<sup>(1)</sup>, Animal fats<sup>(1)</sup>, Minerals, hydrolysed pork and poultry proteins<sup>(1)</sup>, Beet pulp, Lignocellulose, Linseed, Brewers yeast (source of beta-glucan and nucleotide), Fish oil<sup>(1)</sup>, Psyllium fibre (*Plantago (L.) spp.*), Fructo-oligosaccharides, Hydrolysed crustacean (source of chitosan), Calcium butyrate, *Lactobacillus acidophilus*.

1) Highly digestible ingredients

## SPECIFIC INGREDIENTS/ADDITIVES

• Bentonite	5g/kg
• Pasteurised <i>Lactobacillus acidophilus</i>	7 mg/kg
• Butyrate	300 mg/kg
• Nucleotides	560 mg/kg
• Beta-glucan	500 mg/kg
• Chitosan	800 mg/kg

## FEEDING GUIDELINES



Body Weight (kg)	Daily ration (g/day)		
	Overweight	Normal*	Recovery Underweight
2	20	25	25
3	30	35	40
4	40	45	55
5	50	55	70
6	60	70	80
7	70	80	95
8	80	90	110
9	90	100	125
10	100	115	135

The daily ration is based on the cat's CURRENT bodyweight, and must be adjusted every week during recovery and every month in the medium/long term.

\*adult neutered indoor cat with optimal body weight



## KEY BENEFITS & CHARACTERISTICS

### > Promotes Nutritional Restoration\*

High levels of essential nutrients and energy density helps to compensate for losses and restore body composition.

### > Low-allergen Formulation

The diet is formulated to exclude common food allergens such as: gluten, maize, wheat, soya, egg, fish and dairy products. High quality limited protein sources (pork, poultry and rice) help to minimise antigenic load and therefore the chance of adverse digestive reactions.

### > High Energy & Concentration\*

High energy density and concentrations of essential nutrients allows needs to be met even when small rations are fed. High levels of energy from fat and protein can be beneficial during recovery.

### > Low Starch (13% as fed)

Low level of starch helps to increase digestibility and digestive tolerance..

### > DIGEST Plus Complex

Addition of specific functional ingredients (clay, probiotics, prebiotics, selected fibres, butyrate, nucleotides) which helps to quickly restore digestive function and produce normal faeces.

## ADDITIONAL BENEFITS & CHARACTERISTICS

### > Increases Water Intake

High amounts of protein stimulate water intake to help compensate for losses.<sup>(1)</sup>

### > Supports Digestive Barrier Effect

Addition of selected functional ingredients (beta glucans, butyrate, nucleotides) help to restore an effective digestive tolerance.<sup>(1)</sup>

### > Supports Immunity

High protein content, with a balanced amino acid profile, and vitamin E help to support the immune system and aid recovery.

### > High Palatability

High levels of animal protein guarantees high palatability for optimal compliance.

### > Suitable for all Life Stages

The essential nutrients fit the daily requirement of all cats at all stages or physiological status (kittens, adult cats, gestating or lactating queens and senior cats).

## VISIBLE RESULTS WITHIN 1 MONTH<sup>(1)</sup>



# 91%

SHOW NORMAL FAECAL  
CONSISTENCY

# 85%

OF CATS SHOW NORMAL  
STOOL ODOUR

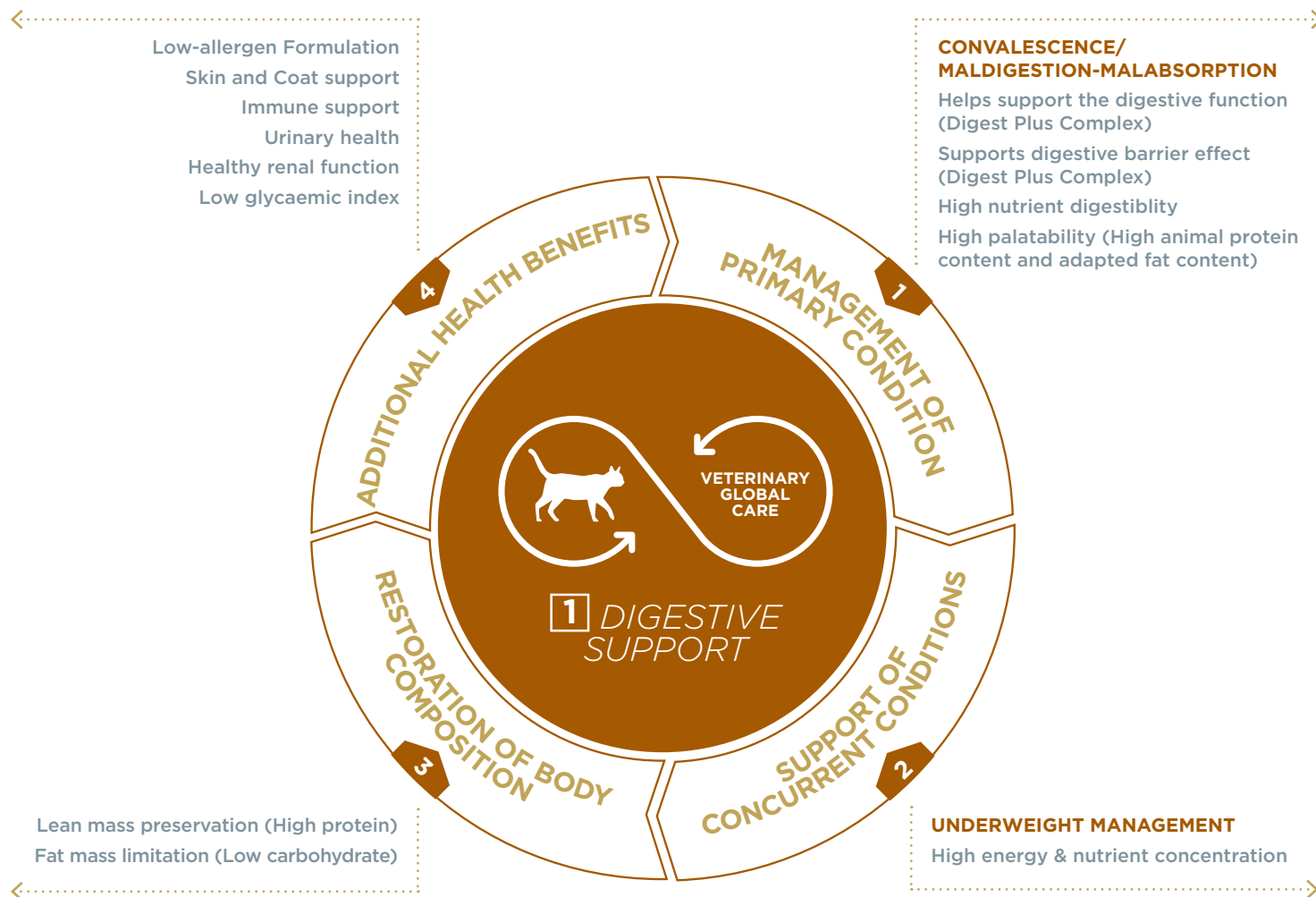
# 98%

OF CATS IMPROVED  
WITHIN 1 MONTH

\* Commission regulation (eu) 2020/354

<sup>1)</sup> Leriche I, Fournel S, Chaix G., Gely MQ. Assessment of a new high protein - low carbohydrate diet in cats with chronic gastrointestinal disease. J Fel Med Surg 2017; 1(4): 1-6.







**AVAILABLE FORMATS**  
12 x 85 g

► **CLINICAL INDICATIONS\***

- Compensation for maldigestion
- Reduction of intestinal absorptive disorders
- Chronic Exocrine Pancreatic Insufficiency.

LINKED TO RECOVERY

- Nutritional restoration.
- Convalescence.

► **OTHER USE**

- Gastritis / Enteritis / Colitis.
- Megacolon.
- Inflammatory Bowel Disease.
- Recovery after digestive surgery.
- Recovery after disease.
- Recovery after anorexia period.

► **CONTRAINDICATIONS**

- Chronic Kidney Disease (CKD)
- Growth

\* Commission regulation (eu) 2020/354

**ANALYTICAL CONSTITUENTS**

**% of crude matter**

• Moisture	<b>72</b>
• Protein	<b>14</b>
• Animal to vegetable protein ratio	<b>84/16</b>
• Fat	<b>8.5</b>
• Minerals	<b>2.3</b>
• Crude Cellulose	<b>0.9</b>
• Nitrogen Free Extract	<b>2.3</b>
• Starch	<b>0.4</b>
• Calcium	<b>0.25</b>
• Phosphorus	<b>0.2</b>
• Sodium	<b>0.3</b>
• Potassium	<b>0.3</b>
• Omega-6	<b>2.2</b>
• Omega-3	<b>0.7</b>
• EPA + DHA	<b>0.45</b>

**KEY NUTRIENT VALUES**

• ME** calculated (kcal/100g)***	<b>136</b>
• ME** measured in vivo (kcal/100g)	<b>137</b>
• Protein digestibility (in vivo; %)	<b>86.5</b>
• Fat digestibility (in vivo; %)	<b>97</b>
• Energy from protein (%)	<b>40</b>
• Energy from fat (%)	<b>54</b>
• Energy from NFE (%)	<b>6</b>
• Protein to Calorie ratio (g/Mcal)	<b>103</b>

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

Loaf: chicken liver<sup>(1)</sup>, pork kidney<sup>(1)</sup>, chicken neck, chicken tripe<sup>(1)</sup>, mechanically deboned chicken meat<sup>(1)</sup>, pea protein extract<sup>(1)</sup>, pork plasma\*, chicken skin<sup>(1)</sup>, egg white<sup>(1)</sup>, fish oil<sup>(1)</sup>, minerals and vitamins, sunflower oil<sup>(1)</sup>, digest<sup>(1)</sup>, cellulose, lignocellulose, potato starch, caramel.

(1) Highly digestible ingredients

**SPECIFIC INGREDIENTS/ADDITIVES**

- Bentonite **900 mg/kg**

**LOW CARBOHYDRATE (NFE) 2.3%**

**HIGH PROTEIN 14%**

**of ANIMAL ORIGIN 84%**



### FEEDING GUIDELINES



#### IF EXCLUSIVELY FEEDING WITH WET

Body Weight (kg)	Pouch/day		
	Overweight	Normal	Recovery Underweight
2	1	1	1
3	1	1	1.5
4	1.5	1.5	2
5	2	2	2.5
6	2	2.5	2.5
7	2.5	3	3
8	3	3.5	3.5
9	3.5	3.5	4
10	4	4	4.5

Mixed feeding is also possible, combining VETERINARY HPM Wet and Dry Digestive diets. We propose to provide around 50% of the energy needed with wet and 50% with dry, but all combinations are possible depending on the individual case.

#### IF FEEDING RATION COMPOSED OF BOTH WET AND DRY VETERINARY HPM DIGESTIVE SUPPORT CAT

Body Weight (kg)	Overweight		Normal		Recovery Underweight	
	Wet (pouch)	Dry (g/day)	Wet (pouch)	Dry (g/day)	Wet (pouch)	Dry (g/day)
2	0.5	5	0.5	10	0.5	15
3	0.5	15	0.5	20	0.5	25
4	0.5	25	0.5	30	1	25
5	1	25	1	30	1	40
6	1	35	1	40	1	55
7	1	45	1.5	40	1.5	55
8	1.5	40	1.5	50	1.5	70
9	1.5	50	1.5	60	2	65
10	2	45	2	60	2	80

### KEY BENEFITS & CHARACTERISTICS

#### > High Energy

High energy density of essential nutrients helps compensate for losses even when small rations are fed.

#### > High Protein, Low Carbohydrate

The energy balance (Protein:Fat:Carbohydrate) of the diet favours the quick restoration of optimal body condition.

#### > High Digestive Tolerance

Carefully selected high quality ingredients with high percentage of animal origin to provide high protein and fat digestibility and to respect the digestive sensitivity of cats.

#### > Increases Water Intake

The water content in the diet naturally increases total water intake for optimal water turnover and helps to compensate for fluid losses.

#### > High Palatability

High proportion of ingredients of animal origin (84%) help to meet the natural preference of domestic cats.



### FELINE SKIN AND COAT DISEASE

**SKIN DISEASE WITH NO EVIDENCE OR SUSPICION OF ADVERSE FOOD REACTION**

Medium / Long Term<sup>(3)</sup>  
**SKIN & COAT SUPPORT**

**1** DERMATOLOGY  
SUPPORT



**EVIDENCE OR HIGH SUSPICION OF ADVERSE FOOD REACTION**

**ELIMINATION TRIAL**  
6-8 weeks

**NO IMPROVEMENT**<sup>(1)</sup>

Further investigation  
advisable

**IMPROVEMENT**<sup>(1)</sup>

Food Intolerance/Allergy confirmed

Long Term<sup>(2)</sup>  
**FOOD ELIMINATION**

**2** HYPOALLERGY  
With hydrolysed fish protein



### REMEMBER!

- 94% OF DERMATOSES ARE UNRELATED TO ADVERSE FOOD REACTION<sup>(4)</sup>
- ALLERGIC SKIN DISEASE IS A MULTI-FACTORIAL CONDITION REQUIRING A MULTI-MODAL APPROACH

1) In the opinion of the veterinary surgeon

2) If signs of intolerance disappear, this food can be used indefinitely (Commission Regulation (EU) 2020/354)

3) Up to 2 months. It is recommended that a veterinary surgeon's opinion be sought before use. (Commission Regulation (EU) 2020/354)

4) Olivry T, Mueller RS. Critically appraised topic on adverse food reactions of companion animals (3): prevalence of cutaneous adverse food reactions in dogs and cats. BMC Vet Res. 2017;13:51.



**AVAILABLE SIZES**  
3 kg.

### CLINICAL INDICATIONS\*

- Support of the skin function in the case of dermatosis and excessive loss of hair.

### OTHER USE

- Dermatitis.
- Pruritus.

### CONTRAINDICATIONS

- Chronic kidney disease (CKD).
- Chronic hepatic insufficiency.

\* Commission regulation (eu) 2020/354

### ANALYTICAL CONSTITUENTS

% as fed

• Moisture	5.5
• Protein	44
• Animal to vegetable protein ratio	91:09
• Fat	17.5
• Minerals	8.5
• Crude Fibre	5
• NFE*	19.5
• Starch	14
• Calcium	1.3
• Phosphorus	1.1
• Sodium	0.7
• Methionine + Cystine	1.5
• Phenylalanine + Tyrosine	2.6
• Omega-6 fatty acids	3.5
• LA	3.4
• Omega-3 fatty acids	1.1
• EPA+DHA	0.8
• (LA+GLA):(EPA+DHA) ratio	5

### KEY NUTRIENT VALUES

• ME** calculated (kcal/100g)***	395
• ME** measured in vivo (kcal/100g)	437
• Protein digestibility (in vivo; %)	89
• Fat digestibility (in vivo; %)	97
• Energy from protein (%)	42
• Energy from fat (%)	40
• Energy from NFE (%)	18
• Protein to Calorie ratio (g/Mcal)	111

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

**LOW CARBOHYDRATE (NFE) 19.5%**

**HIGH PROTEIN 44%**  
**of ANIMAL ORIGIN 91%**

### COMPOSITION

Dehydrated pork and poultry proteins, Potato starch, Peas, Hydrolysed pork and poultry proteins, Minerals, Lignocellulose, Animal fats, Fish oil, Beet pulp, Sunflower oil, Brewers yeast, Borage seed, Psyllium fibre (*Plantago (L.) spp.*), Fructo-oligosaccharides, Hydrolysed crustacean (source of chitosan), Chondroitin sulphate, *Lactobacillus acidophilus*.

### SPECIFIC INGREDIENTS/ADDITIVES

• Bentonite	5g/kg
• Pasteurised <i>Lactobacillus acidophilus</i>	7 mg/kg
• Chitosan	800 mg/kg
• L-carnitine	540 mg/kg

### FEEDING GUIDELINES



Body Weight (kg)	Daily ration (g/day)		
	Overweight	Normal*	Underweight
2	20	20	25
3	30	35	35
4	40	45	50
5	50	55	60
6	60	65	75
7	70	75	85
8	80	85	95
9	85	100	110
10	95	110	120

The daily ration is based on the cat's CURRENT bodyweight, and must be adjusted every month. Always provide a generous supply of fresh drinking water.

**LONG TERM USE:** due to its high energy density, it is necessary to respect daily recommendations to avoid excessive weight gain.

\*adult neutered indoor cat with optimal body weight



KEY BENEFITS & CHARACTERISTICS

> **Improves Coat condition**

High linoleic acid (LA) content contributes to normal skin, reducing scale and helping to promote a shiny coat.<sup>(1)</sup>

> **High Protein and Sulphur Amino Acids**

High levels of animal protein meets the high requirements to restore skin integrity contributing to proper skin healing and hair regrowth.

> **DERMA Plus Complex**

High levels of balanced omega-6 and omega-3 (from fish, sunflower oils and borage seeds), plus vitamins A and E, can help to improve clinical signs of dermatosis and dermatitis.<sup>(1)</sup>

> **High Level of Essential Fatty Acids\***

High supplementation with both omega-6 and omega-3 can help to decrease inflammatory processes.<sup>(2)</sup>

> **Supports Skin Barrier Effect**

High levels of animal protein and essential fatty acids help reinforce natural skin defences, a key factor in the management of dermatosis and dermatitis in the long term.

ADDITIONAL BENEFITS & CHARACTERISTICS

> **Helps to Modulate Inflammation**

Balanced omega-6 to omega-3 ratio can help to reduce clinical signs related to inflammation (redness, itching).

> **High Digestibility and Digestive Tolerance**

Addition of functional ingredients (clay, prebiotics, probiotics and fibre) helps to maintain a healthy digestive tract to optimise the absorption of all the essential nutrients for the skin and coat.

> **Withdrawal of Major Allergens**

The diet is formulated without common food allergens such as: gluten, maize, wheat, rice, soya, egg, fish and dairy products.

> **Immune Support**

High protein content and added vitamin E can help to maintain a healthy immune system.

> **Suitable for all Life Stages**

The essential nutrients fit the daily requirement of cats of all ages or physiological statuses (kittens, adults, gestating or lactating queens, and senior cats).

VISIBLE RESULTS WITHIN 2 WEEKS<sup>(1)</sup>



8/9

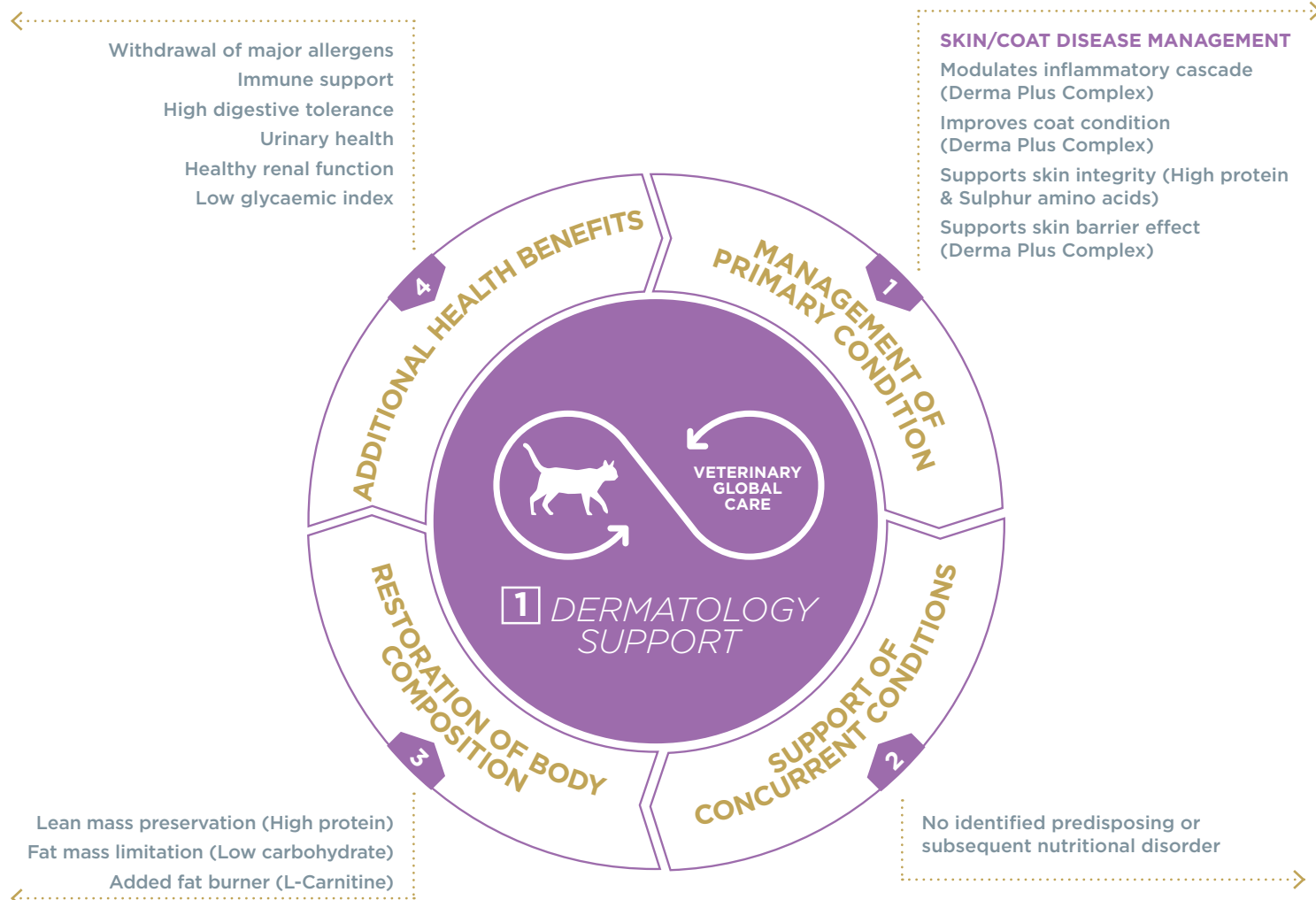
ASSESSED PARAMETERS  
IMPROVED SIGNIFICANTLY

95%

OF CATS HAVE IMPROVED THEIR  
SKIN AND COAT CONDITION AT  
THE END OF THE STUDY.

\* Commission regulation (eu) 2020/354

1) Leriche I., Navarro C., Fournel S., Nicolas C., Gely MO. Assessment of a new high protein - high fatty acid diet in cats with chronic skin and coat disorders. SEVC Congress, Granada, Spain, 20-22 Oct 2016.  
2) Reme, C.A., Loyd, D.H., Burrows, A., Heineking-Ehlers, M., Schutz, W., Stechmann, K. & Iwasaki, T. (2005). Anti-allergic shampoo and oral essential fatty acid combination therapy to relieve signs of atopic dermatitis in dogs: a blinded, prednisolone-controlled trial. Veterinary Dermatology, ESVD Congress.



# ALLERGY

## SELECTING THE CORRECT PRODUCT



### FELINE SKIN AND COAT DISEASE

**SKIN DISEASE WITH NO EVIDENCE OR  
SUSPICION OF ADVERSE FOOD REACTION**

Medium / Long Term<sup>(3)</sup>  
**SKIN & COAT SUPPORT**

**1** DERMATOLOGY  
SUPPORT



**EVIDENCE OR HIGH SUSPICION OF  
ADVERSE FOOD REACTION**

**ELIMINATION TRIAL**  
6-8 weeks

**NO IMPROVEMENT**<sup>(1)</sup>

Further investigation  
advisable

**2** HYPOALLERGY  
With hydrolysed  
fish protein

**IMPROVEMENT**<sup>(1)</sup>

Food Intolerance/Allergy confirmed

Long Term<sup>(2)</sup>  
**FOOD ELIMINATION**

**2** HYPOALLERGY  
With hydrolysed fish protein



### REMEMBER!

- 94% OF DERMATOSES ARE UNRELATED TO ADVERSE FOOD REACTION<sup>(4)</sup>
- ALLERGIC SKIN DISEASE IS A MULTI-FACTORIAL CONDITION REQUIRING A MULTI-MODAL APPROACH

1) In the opinion of the veterinary surgeon

2) If signs of intolerance disappear, this food can be used indefinitely (Commission Regulation (EU) 2020/354)

3) Up to 2 months. It is recommended that a veterinary surgeon's opinion be sought before use. (Commission Regulation (EU) 2020/354)

4) Olivry T, Mueller RS. Critically appraised topic on adverse food reactions of companion animals (3): prevalence of cutaneous adverse food reactions in dogs and cats. BMC Vet Res. 2017;13:51.





**AVAILABLE SIZES**  
3 kg

### CLINICAL INDICATIONS\*

- Reduction of ingredient and nutrient intolerance.

### OTHER USE

- Food intolerance with concurrent digestive disorders (maldigestion/malabsorption, diarrhoea).
- Food intolerance with concurrent skin/coat disorders (redness/itching).

### CONTRAINDICATIONS

- Growth.
- Gestation & Lactation.
- Chronic Kidney disease.

\* Commission regulation (eu) 2020/354

### ANALYTICAL CONSTITUENTS

% as fed

• Moisture	5.5
• Protein	31
• Animal to vegetable protein ratio	100:0
• Fat	16
• Minerals	7.5
• Crude Fibre	4
• NFE*	36
• Starch	32
• Calcium	0.8
• Phosphorus	0.7
• Sodium	0.7
• Methionine + Cystine	1.5
• Omega-6 fatty acids	3
• Omega-3 fatty acids	0.7

### KEY NUTRIENT VALUES

• ME** calculated (kcal/100g)***	389
• ME** measured in vivo (kcal/100g)	383
• Protein digestibility (in vivo; %)	89
• Fat digestibility (in vivo; %)	93
• Energy from protein (%)	29
• Energy from fat (%)	37
• Energy from NFE (%)	34
• Protein to Calorie ratio (g/Mcal)	80

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

**CARBOHYDRATE (NFE) 36%**

**PROTEIN 31%**

**of ANIMAL ORIGIN 100%**

### COMPOSITION

Purified potato starch\*\*, Hydrolysed salmon protein\* (33%), Animal fats, Minerals, Hydrolysed pork proteins\*, Lignocellulose, Beet pulp, Brewers yeast, Fructooligosaccharides, Fish oil, Mono di and tri glycerides of fatty acids, Hydrolysed crustacean (source of chitosan), Chondroitin sulfate, *Lactobacillus acidophilus*.

\* protein sources

\*\* carbohydrate sources

### SPECIFIC INGREDIENTS/ADDITIVES

• Bentonite	5g/kg
• <i>Lactobacillus</i>	7 mg/kg
• Chitosan	800 mg/kg
• L-carnitine	540 mg/kg

### FEEDING GUIDELINES



Body Weight (kg)	Daily ration (g/day)		
	Overweight	Normal*	Underweight
2	20	20	25
3	30	35	35
4	40	45	50
5	50	55	60
6	60	65	70
7	70	80	85
8	80	90	100
9	90	100	110
10	100	110	125

The daily ration is based on the cat's CURRENT bodyweight, and must be adjusted every month.

\*adult neutered indoor cat with optimal body weight



### KEY BENEFITS & CHARACTERISTICS

#### > Elimination Diet

Formula based on hydrolysed fish protein and potato starch allows management of most common food allergies.

#### > Purified Source of Carbohydrate (single source)

Potato starch is a purified source of starch, excluding the presence of protein.

#### > With Hydrolysed Fish Protein\*

Fish protein is extensively hydrolysed to achieve low molecular weight (mean MW of 1.85 kDa, 98% peptides below 10 kDa) ensuring food allergy management. Its high digestibility and biological value (amino acid profile) perfectly fit the daily requirements of cats.

#### > High Digestive Tolerance

Includes a specific association of ingredients (clay, probiotics, prebiotics, selected fibres) to secure the digestive function, which can be compromised in allergic cats **(efficacy proven by Virbac)<sup>(1)</sup>**.

#### > High Palatability

High levels of animal protein and fat guarantees high palatability for optimal compliance during the elimination food trial or in the long term **(efficacy proven by Virbac)<sup>(1)</sup>**.

### EXCELLENT PALATABILITY<sup>(1)</sup>

**96%** OF CATS ENJOYED DIET

**88%** OF CATS PREFER THE DIET TO THEIR CURRENT (NON HYDROLYSED) FOOD

### ADDITIONAL BENEFITS & CHARACTERISTICS

#### > Skin Integrity

Balanced omega-6 and omega-3 help reinforce natural skin defences and reduce the risk of other allergies.

#### > Coat Support

Adapted content in protein and essential fatty acids helps to maintain a healthy coat.

#### > High Digestibility

High digestibility helps support cats with concurrent compromised gastrointestinal function.

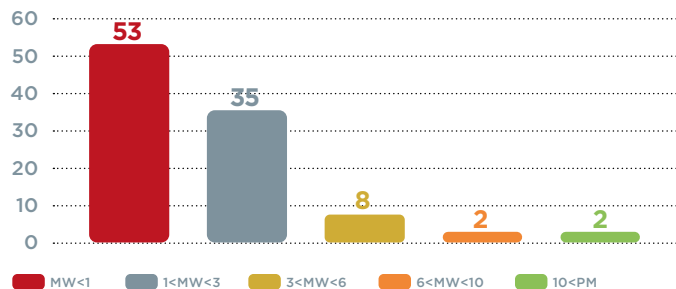
#### > Urinary Health

Mineral balance and adapted urinary pH and RSS limit the risk of feline lower urinary tract disease in the long term.

#### > Suitable for Adult and Senior cats

The amounts of all essential nutrients fit the daily requirement of adult and senior cats.

Molecular weight profile (% of peptides) in the fish hydrolysate - kDa



\* Commission regulation (eu) 2020/354

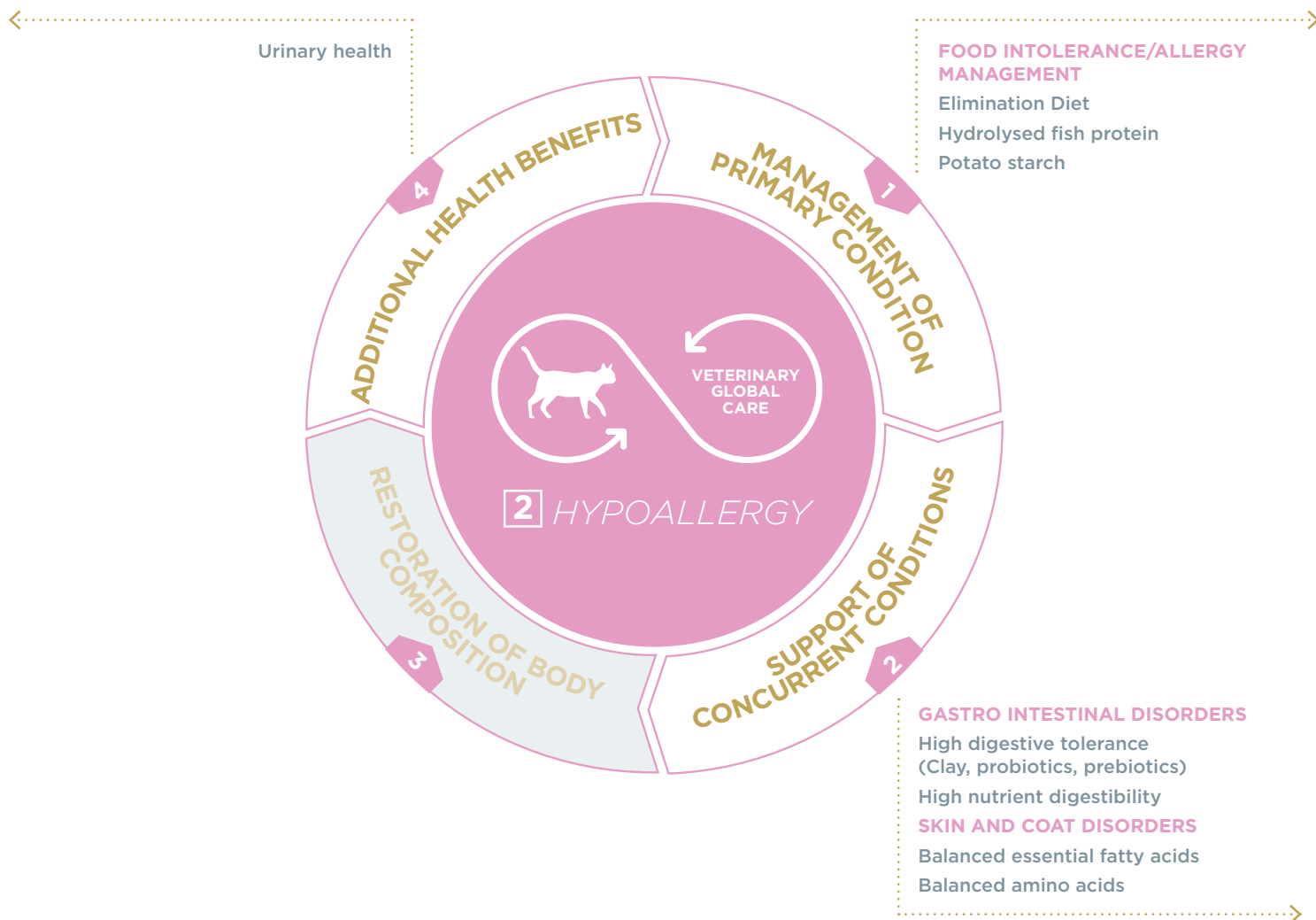
<sup>1)</sup> Leriche I et al. Assessment of the palatability and digestive tolerance in cats of a new diet based on hydrolysed salmon as the protein source. Internal data 2018.

# ALLERGY

2

## HYPOALLERGY FOOD INTOLERANCE

With hydrolysed fish protein





### CAT WITH JOINT ISSUES

#### ADULT

Check the body weight

Overweight

Optimal body condition



**1** WEIGHT LOSS & DIABETES  
Overweight (<30%) & Diabetes



**2** WEIGHT LOSS & CONTROL  
Overweight (<30%) & Diabetes

Body condition  
optimal & stable



**1** EARLY KIDNEY & JOINT

and/or



**WET** EARLY KIDNEY & JOINT

#### SENIOR

Check the renal function

Normal

IRIS Stage I

IRIS Stage II

IRIS Stage III

IRIS Stage IV



**2** KIDNEY & JOINT



**3** ADVANCED KIDNEY & JOINT

and/or



**WET** KIDNEY & JOINT

NB: All these diets are contra-indicated during growth.  
In case of joint issues in kittens, keep the baby diet + medical/nutraceutical management



### CAT WITH KIDNEY DYSFUNCTION

**ADULT/SENIOR**

Check the renal function

IRIS Stage I

IRIS Stage II

IRIS Stage III

IRIS Stage IV



**1** EARLY KIDNEY & JOINT



**2** KIDNEY & JOINT



**3** ADVANCED KIDNEY & JOINT

and/or



**WET** EARLY KIDNEY & JOINT



**WET** KIDNEY & JOINT

NB: All these diets are contra-indicated during growth.  
In case of kidney dysfunction, keep the baby diet + medical/nutraceutical management



**AVAILABLE FORMATS**  
1.5 kg, 3 kg

## CLINICAL INDICATIONS\*

- Support of the metabolism of joints in case of osteoarthritis.

## OTHER USE

- Support of the renal function in case of dysfunction at stage I (IRIS classification).

## CONTRAINDICATIONS

- Growth.
- Gestation & Lactation.

## ANALYTICAL CONSTITUENTS

% as fed

• Moisture	5.5
• Protein	38
• Animal to vegetable protein ratio	92/08
• Fat	16.5
• Minerals	7.5
• Crude Fibre	6.5
• NFE*	26
• Starch	21
• Calcium	0.9
• Phosphorus	0.6
• Sodium	0.4
• Potassium	0.8
• Omega-6 fatty acids	2.5
• Omega-3 fatty acids	1.5
• DHA	0.4

## KEY NUTRIENT VALUES

• ME** calculated (kcal/100g)***	384
• ME** measured in vivo (kcal/100g)	385
• Protein digestibility (in vivo; %)	86
• Fat digestibility (in vivo; %)	94.5
• Energy from protein (%)	37
• Energy from fat (%)	39
• Energy from Carbohydrate (%)	24

\* Nitrogen Free Extract  
\*\* Metabolisable energy  
\*\*\* Calculated with NRC 2006

**CARBOHYDRATE (NFE) 26%**

**PROTEIN 38%**

**of ANIMAL ORIGIN 92%**

## COMPOSITION

Dehydrated pork protein, potato starch, hydrolysed pork and poultry protein, animal fat, pea, minerals, lignocellulose, faba bean hulls, rice, fish oil, beet pulp, brewers yeast, hydrolysed fish protein, fructo-oligosaccharides, psyllium fibre, eggshell membrane, hydrolysed crustacean (source of chitosan), chondroitine sulfate, *Lactobacillus acidophilus*.

## SPECIFIC INGREDIENTS/ADDITIVES

• Chondroitine Sulfate	1200 mg/kg
• Chitosan	1200 mg/kg
• Eggshell Membrane	1200 mg/kg
• Calcium Carbonate	0.7%
• Vitamin E	610 mg/kg
• Killed Lactobacilli	7 mg/kg
• Bentonite	5 g/kg

## FEEDING GUIDELINES



Body Weight (kg)	Daily ration (g/day)		
	Overweight	Normal*	Underweight
2	20	25	30
3	35	35	40
4	45	50	55
5	55	60	70
6	65	75	85
7	75	85	95
8	90	100	110
9	100	110	125
10	110	125	140

\*normal: senior neutered indoor cat with optimal body weight

The daily ration is based on the cat's current body weight, and should be adjusted every month.

Always provide a generous supply of fresh drinking water.



### KEY BENEFITS & CHARACTERISTICS

#### > High Protein

The high level of protein helps maintain muscle mass.

#### > Low Phosphorus

The phosphorus content is 25% lower in comparison with VETERINARY HPM Senior cat diet. The low phosphorus content helps protect renal function.

#### > Muscle Mass Maintenance

The appropriate level of protein helps promote muscle strength to support joints and mobility.

#### > Body Condition Maintenance

The High Protein - Low Carbohydrate formulation helps maintain optimal body condition to limit mechanical impact on joints.

#### > High Omega-3 & DHA

Specific fat sources provide high levels of omega-3 fatty acids, especially DHA, that helps limit inflammatory and potentially painful processes in joints.

#### > Mobility Plus Complex

The inclusion of Chondroitin Sulfate, Chitosan and Eggshell Membrane helps to maintain cartilage integrity.

#### > Palatability Plus Complex

The high level of ingredients from animal sources (52%) and the use of new specific ingredients guarantee high palatability for optimal compliance.

### ADDITIONAL BENEFITS & CHARACTERISTICS

#### > Phosphorus Binding

The addition of Chitosan and Calcium Carbonate helps reduce the dietary phosphorus bioavailability.

#### > Suitable for Adult and Senior cats

The amounts of all essential nutrients fit the daily requirements of adult and senior cats.

#### > Increased Antioxidant Activity

The high level of vitamin E helps limit oxidative processes that could impair both joint metabolism and renal function.

#### > Protection of the Digestive Mucosa

Added Bentonite helps protect the digestive mucosa which can also be helpful alongside concurrent anti-inflammatory therapy.

#### > Urinary Safety

Adjusted RSS (Relative Supersaturation) indexes for struvites and oxalates help maintain urinary health.

NEED ADDITIONAL  
RENAL SUPPORT?  
CONSIDER PRONEFRA®





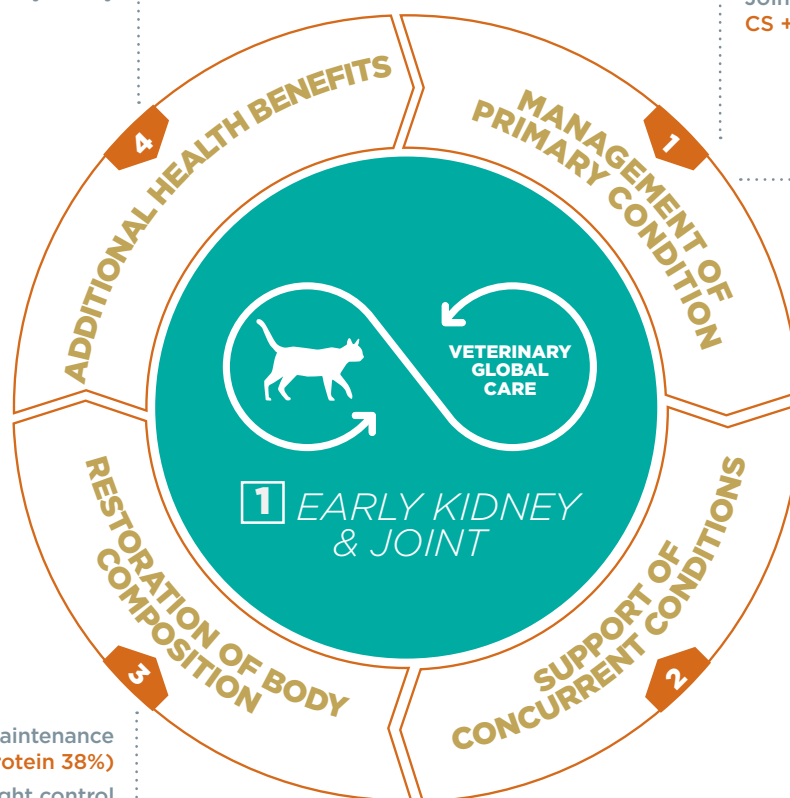
High digestive tolerance  
**Digestive mucosa protection (Bentonite)**  
 Skin & Coat support  
 Immune support  
 Urinary safety

### OSTEOARTHRITIS

Modulate inflammatory processes  
**High omega-3 & DHA**  
**Aox VitE**  
 Muscle support  
**High protein (38%)**  
 Joint support  
**CS + Chitosan + ESM**

### EARLY KIDNEY CARE

Low phosphorus (0.6%)  
 Added phosphorus  
 binders (Chitosan &  
 Calcium Carbonate)



Lean mass maintenance  
**(High protein 38%)**  
 Body weight control  
**Adapted calorie content**





**AVAILABLE FORMATS**  
1.5 kg, 3 kg

### CLINICAL INDICATIONS\*

- Support of the metabolism of joints in case of osteoarthritis.
- Support of the renal function in case of chronic renal insufficiency.

### OTHER USE

- Chronic hepatic disorders.

### CONTRAINDICATIONS

- Growth.
- Gestation & Lactation.

### ANALYTICAL CONSTITUENTS

% as fed

• Moisture	5.5
• Protein	35
• Animal to vegetable protein ratio	89/11
• Fat	20
• Minerals	7.5
• Crude Fibre	3.5
• NFE*	28.5
• Starch	24
• Calcium	1
• Phosphorus	0.55
• Sodium	0.4
• Potassium	0.8
• Omega-6 fatty acids	3
• Omega-3 fatty acids	1.5
• DHA	0.4

### KEY NUTRIENT VALUES

• ME** calculated (kcal/100g)***	412
• ME** measured in vivo (kcal/100g)	410
• Protein digestibility (in vivo; %)	84
• Fat digestibility (in vivo; %)	92.5
• Energy from protein (%)	31
• Energy from fat (%)	44
• Energy from Carbohydrate (%)	25

\* Nitrogen Free Extract  
\*\* Metabolisable energy  
\*\*\* Calculated with NRC 2006

**CARBOHYDRATE (NFE) 28.5%**

**PROTEIN 35%**

**of ANIMAL ORIGIN 89%**

### COMPOSITION

Dehydrated pork protein, rice, animal fat, pea, hydrolysed pork and poultry protein, potato starch, minerals, fish oil, beet pulp, lignocellulose, brewers yeast, hydrolysed fish protein, psyllium fibre, fructo-oligosaccharides, eggshell membrane, hydrolysed crustacean (source of chitosan), chondroitine sulfate, *Lactobacillus acidophilus*.

### SPECIFIC INGREDIENTS/ADDITIVES

• Chondroitine Sulfate	1200 mg/kg
• Chitosan	1200 mg/kg
• Eggshell Membrane	1200 mg/kg
• Calcium Carbonate	1%
• Vitamin E	610 mg/kg
• Killed Lactobacilli	7 mg/kg
• Bentonite	5 g/kg

### FEEDING GUIDELINES



Body Weight (kg)	Daily ration (g/day)		
	Overweight	Normal*	Underweight
2	20	20	25
3	30	30	35
4	35	40	50
5	45	50	60
6	55	60	75
7	65	70	85
8	75	80	100
9	85	90	110
10	90	105	125

The daily ration is based on the cat's current body weight, and should be adjusted every month.

Always provide a generous supply of fresh drinking water.

\*normal: senior neutered indoor cat with optimal body weight



### KEY BENEFITS & CHARACTERISTICS

#### > Moderate Protein

The protein content is reduced by 15% in comparison with VETERINARY HPM Early Kidney & Joint cat diet. This content and the high quality of protein allows both muscle mass preservation and uremic toxin reduction.

#### > Low Phosphorus

The phosphorus content is reduced by 15% in comparison with VETERINARY HPM Early Kidney & Joint cat diet. The low phosphorus content helps protect renal function.

#### > Muscle Mass Preservation

Appropriate dietary protein intake helps promote muscle strength to support joints and mobility.

#### > High Energy & Concentration

The high energy density of the diet ensures small and concentrated daily rations to compensate for reduced appetite and reduces the risk of inadequate food intake.

#### > High Omega-3 & DHA

Specific fat sources provide high levels of omega-3 fatty acids, especially DHA, that helps limit inflammatory and potentially painful processes in joints.

#### > Mobility Plus Complex

The association of Chondroitin Sulfate, Chitosan and Eggshell Membrane helps to maintain cartilage integrity.

#### > Palatability Plus Complex

The high level of ingredients from animal sources (52%) and the use of new specific ingredients guarantee high palatability for optimal compliance.

### ADDITIONAL BENEFITS & CHARACTERISTICS

#### > Phosphorus Binding

The addition of Chitosan and Calcium Carbonate helps reduce the dietary phosphorus bioavailability.

#### > Suitable for Adult and Senior cats

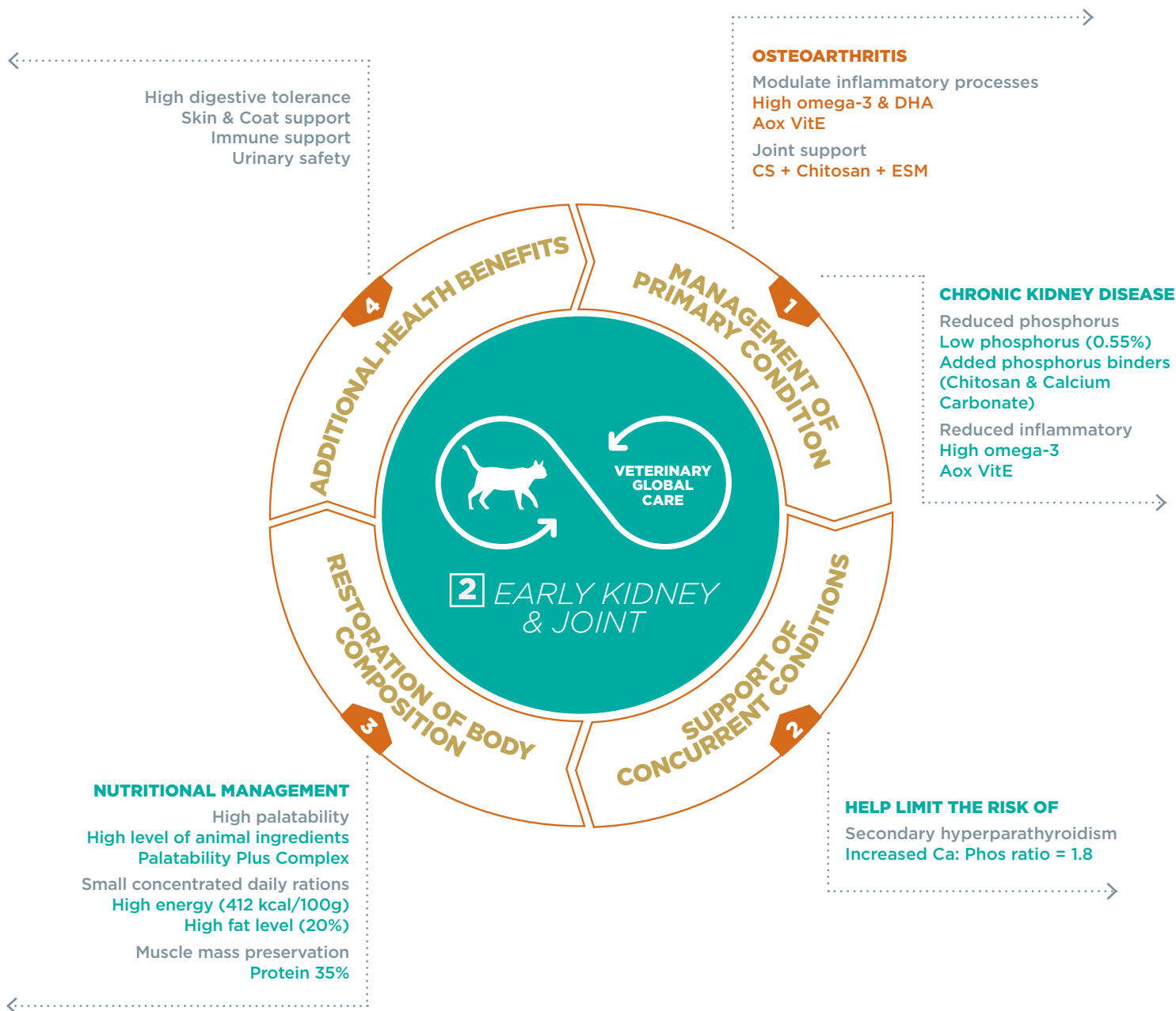
The amounts of all essential nutrients fit the daily requirements of adult and senior cats.

#### > Increased Antioxidant Activity

The high level of vitamin E helps limit oxidative processes that could impair both joint metabolism and renal function.

#### > Urinary Safety

Adjusted RSS (Relative Supersaturation) indexes for struvites and oxalates help maintain urinary health.





**AVAILABLE FORMATS**  
400 g, 1.5 kg, 3 kg

## CLINICAL INDICATIONS\*

- Support of the metabolism of joints in case of osteoarthritis.
- Support of the renal function in case of chronic renal insufficiency.

## OTHER USE

- Chronic hepatic disorders

## CONTRAINDICATIONS

- Growth.
- Gestation & Lactation.

## ANALYTICAL CONSTITUENTS

% as fed

• Moisture	5.5
• Protein	30
• Animal to vegetable protein ratio	86/14
• Fat	21
• Minerals	7
• Crude Fibre	3.5
• NFE*	33
• Starch	28
• Calcium	1
• Phosphorus	0.5
• Sodium	0.4
• Potassium	0.8
• Omega-6 fatty acids	3.2
• Omega-3 fatty acids	1.5
• DHA	0.4

## KEY NUTRIENT VALUES

• ME** calculated (kcal/100g)***	415
• ME** measured in vivo (kcal/100g)	410
• Protein digestibility (in vivo; %)	84
• Fat digestibility (in vivo; %)	92.5
• Energy from protein (%)	26
• Energy from fat (%)	45
• Energy from Carbohydrate (%)	29

\* Nitrogen Free Extract  
\*\* Metabolisable energy  
\*\*\* Calculated with NRC 2006

**CARBOHYDRATE (NFE) 33%**

**PROTEIN 30%**

**of ANIMAL ORIGIN 86%**

## COMPOSITION

Dehydrated pork protein, rice, animal fat, potato starch, pea, hydrolysed pork and poultry protein, minerals, fish oil, beet pulp, lignocellulose, brewers yeast, hydrolysed fish protein, psyllium fibre, fructo-oligosaccharides, eggshell membrane, hydrolysed crustacean (source of chitosan), chondroitine sulfate, *Lactobacillus acidophilus*.

## SPECIFIC INGREDIENTS/ADDITIVES

• Chondroitine Sulfate	1200 mg/kg
• Chitosan	1200 mg/kg
• Eggshell Membrane	1200 mg/kg
• Calcium Carbonate	1%
• Vitamin E	610 mg/kg
• Killed Lactobacilli	7 mg/kg
• Bentonite	5 g/kg

## FEEDING GUIDELINES



Body Weight (kg)	Daily ration (g/day)	
	Normal*	Underweight
2	20	25
3	30	35
4	40	50
5	50	60
6	60	75
7	70	85
8	80	100
9	90	110
10	100	120

\*normal: senior neutered indoor cat with optimal body weight

The daily ration is based on the cat's current body weight, and should be adjusted every month.

Always provide a generous supply of fresh drinking water.



#### KEY BENEFITS & CHARACTERISTICS

##### > Limited Protein

The protein content is reduced by 15% in comparison with VETERINARY HPM Kidney & Joint cat diet. This content, combined with the high quality of protein, helps limit the production of uremic toxins and maintain quality of life.

##### > Very Low Phosphorus

The phosphorus content is reduced by 10% in comparison with VETERINARY HPM Kidney & Joint cat diet. This restricted level helps slow down the progression of renal disease and minimises the risk of secondary hyperparathyroidism.

##### > High Energy & Concentration

The high energy density of the diet allows small and concentrated daily rations to compensate for reduced appetite and reduces the risk of inadequate food intake.

##### > Phosphorus Binding

The addition of Chitosan and Calcium Carbonate helps reduce the dietary phosphorus bioavailability.

##### > High Omega-3 & DHA

Specific fat sources provide high levels of omega-3 fatty acids, especially DHA, that helps limit inflammatory processes in joints and kidneys.

##### > Mobility Plus Complex

The association of Chondroitin Sulfate, Chitosan and Eggshell Membrane helps maintain the cartilage integrity

##### > Palatability Plus Complex

The high level of ingredients from animal sources (46%) and the use of new specific ingredients guarantee high palatability for optimal compliance.

#### ADDITIONAL BENEFITS & CHARACTERISTICS

##### > Increased Antioxidant Activity

The high level of vitamin E helps limit oxidative processes that could impair both renal function and joint metabolism.

##### > Suitable for Adult and Senior cats

The amounts of all essential nutrients fit the daily requirements of adult and senior cats.

##### > Protection of the Digestive Mucosa

Added bentonite helps protect the digestive mucosa from damage which can occur in association with uremia.

##### > Urinary Safety

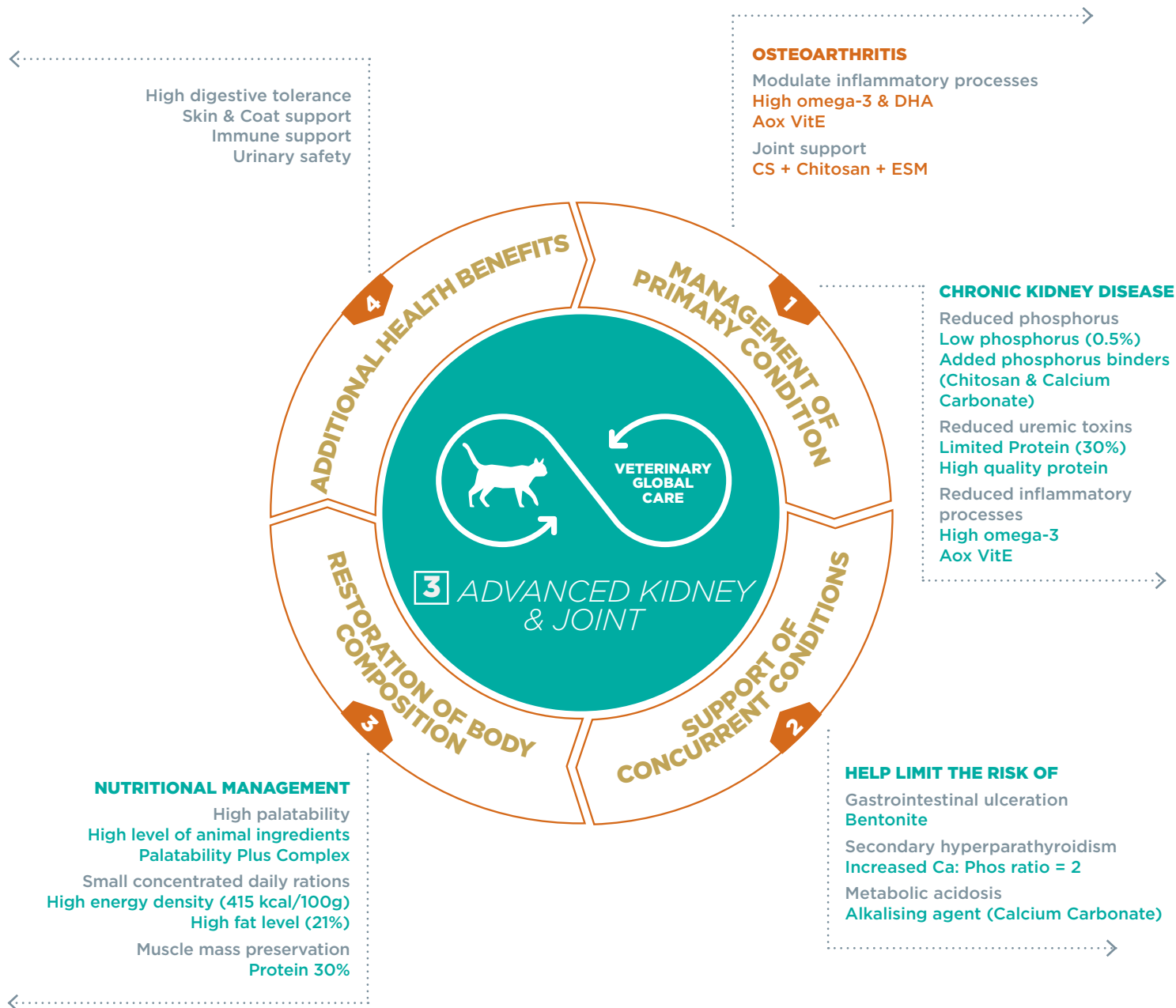
Adjusted RSS (Relative SuperSaturation) indexes for struvites and oxalates help maintain urinary health.

##### > Limits the risk of metabolic acidosis

The addition of an alkalising agent (Calcium Carbonate) helps limit the risk of metabolic acidosis.

##### > Limits the risk of hyperparathyroidism

The adapted calcium content of the diet, with increased Calcium: Phosphorus ratio = 2, helps limit the side effects of hyperphosphatemia and the risk of secondary hyperparathyroidism.





## AVAILABLE FORMATS

12 x 85g (Box)

### CLINICAL INDICATIONS\*

- Support of the metabolism of joints in case of osteoarthritis.

### OTHER USE

- Support of the renal function in case of dysfunction at stage I (IRIS classification).

### CONTRAINDICATIONS

- Growth.
- Gestation & Lactation.

### ANALYTICAL CONSTITUENTS

% as fed

• Moisture	78.5
• Protein	12
• Animal to vegetable protein ratio	100/00
• Fat	5.5
• Minerals	2
• Crude Fibre	0.8
• NFE*	1.2
• Starch	0.8
• Calcium	0.25
• Phosphorus	0.17
• Sodium	0.2
• Potassium	0.22
• Omega-6 fatty acids	1.5
• Omega-3 fatty acids	0.5
• DHA	0.15

### KEY NUTRIENT VALUES

• ME** calculated (kcal/100g)***	99
• ME** measured in vivo (kcal/100g)	97
• Protein digestibility (in vivo; %)	88.5
• Fat digestibility (in vivo; %)	96
• Energy from protein (%)	47
• Energy from fat (%)	48
• Energy from Carbohydrate (%)	5

\* Nitrogen Free Extract  
\*\* Metabolisable energy  
\*\*\* Calculated with NRC 2006

### COMPOSITION

Chunks (50%): pork kidney, chicken gizzard, pork lung lobe, chicken liver, chicken skin, chicken neck, egg white, pork plasma, minerals and vitamins, fish oil, sunflower oil, lignocellulose, digest, cellulose, potato starch, caramel, hydrolysed crustacean (source of chitosan), eggshell membrane.

Gravy (50%): water, potato starch, caramel.

### SPECIFIC INGREDIENTS/ADDITIVES

• Bentonite	1000 mg/kg
• Chondroitine Sulfate	300 mg/kg
• Chitosan	300 mg/kg
• Eggshell Membrane	300 mg/kg

CARBOHYDRATE (NFE) 1.2%

PROTEIN 12%

of ANIMAL ORIGIN 100%



### FEEDING GUIDELINES



If exclusively feeding with WET

Body Weight (kg)	Overweight	Normal*	Underweight
	pouch/day	pouch/day	pouch/day
2	1.0	1	1.5
3	1.5	1.5	2
4	2.0	2.5	2.5
5	2.5	3	3
6	3.0	3.5	4
7	3.5	4	4.5
8	4.0	4.5	5
9	4.5	5	5.5
10	5.0	5.5	6.5

\*normal: senior neutered cat with optimal body weight.

Mixed feeding is possible, combining VETERINARY HPM Wet and Dry Early Kidney & Joint diets. We propose to provide around 50% of the energy needed with wet and 50% with dry, however a range of combinations are possible depending on the individual case.

If feeding ration composed of both WET and DRY  
VETERINARY HPM Early Kidney Joint cat

Body Weight (kg)	Overweight		Normal*		Underweight	
	Wet (pouch)	Dry (g/day)	Wet (pouch)	Dry (g/day)	Wet (pouch)	Dry (g/day)
2	0.5	10	0.5	15	0.5	15
3	0.5	20	0.5	25	1	20
4	1	20	1	30	1	35
5	1	35	1	40	1	45
6	1	45	1	50	2	40
7	1	55	2	45	2	55
8	2	45	2	55	2	65
9	2	55	2	70	2	80
10	2	65	2	80	2	95

\*normal: senior neutered indoor cat with optimal body weight.

### KEY BENEFITS & CHARACTERISTICS

#### > High Protein

The high level of protein helps maintain muscle mass.

#### > Low Phosphorus

The low phosphorus content helps to maintain renal function.

#### > Muscle Mass Maintenance

The high level of protein helps to promote muscle strength to support joints and mobility.

#### > High Omega-3 & DHA

A specific fat source provides high levels of omega-3 fatty acids, especially DHA, that helps limit inflammatory and potentially painful processes in joints.

#### > Mobility Plus Complex

The inclusion of Chondroitin Sulfate, Chitosan and Eggshell Membrane helps maintain the cartilage integrity.

#### > Supports Hydration

The high moisture content of the wet diet naturally increases total water intake.

#### > High Palatability

The high level of ingredients from animal sources (88%) and the macronutrient balance (high protein / very low carbohydrate) mirror the natural preferences of cats to guarantee high palatability and optimal compliance.





### AVAILABLE FORMATS

14 x 85g box (tray)

### CLINICAL INDICATIONS\*

- Support of the metabolism of joints in case of osteoarthritis.
- Support of renal function in case of chronic renal insufficiency.

### OTHER USE

- Chronic hepatic disorders.

### CONTRAINDICATIONS

- Growth.
- Gestation & Lactation.

### ANALYTICAL CONSTITUENTS

% as fed

• Moisture	76
• Protein	11
• Animal to vegetable protein ratio	100/00
• Fat	9
• Minerals	2
• Crude Fibre	0.8
• NFE*	1.2
• Starch	0.4
• Calcium	0.28
• Phosphorus	0.15
• Sodium	0.2
• Potassium	0.28
• Omega-6 fatty acids	2.5
• Omega-3 fatty acids	1.1
• DHA	0.3

### KEY NUTRIENT VALUES

• ME** calculated (kcal/100g)***	124
• ME** measured in vivo (kcal/100g)	124
• Protein digestibility (in vivo; %)	87
• Fat digestibility (in vivo; %)	95
• Energy from protein (%)	34
• Energy from fat (%)	62
• Energy from Carbohydrate (%)	4

\* Nitrogen Free Extract  
\*\* Metabolisable energy  
\*\*\* Calculated with NRC 2006

### COMPOSITION

Mousse: chicken liver, pork kidney, pork heart, pork lung lobe, fish oil, sunflower oil, chicken neck, egg white, minerals and vitamins, pork plasma, lignocellulose, digest, cellulose, caramel, hydrolysed crustacean (source of chitosan), eggshell membrane.

### SPECIFIC INGREDIENTS/ADDITIVES

• Bentonite	1000 mg/kg
• Chitosan	300 mg/kg
• Eggshell Membrane	300 mg/kg
• Chondroitine Sulfate	200 mg/kg

CARBOHYDRATE (NFE) **1.2%**

PROTEIN **11%**

of ANIMAL ORIGIN **100%**

### FEEDING GUIDELINES



#### If exclusively feeding with WET

Body Weight (kg)	Normal*		Underweight	
	pouch / day		pouch / day	
2	1		1	
3	1		1.5	
4	1.5		2	
5	2		2.5	
6	2.5		3	
7	3		3.5	
8	3		4	
9	3.5		4.5	
10	4		5	

\*normal: senior neutered cat with optimal body weight.

Mixed feeding is possible, combining VETERINARY HPM Wet and Dry Early Kidney Joint diets. We propose to provide around 50% of the energy needed with wet and 50% with dry, however a range of combinations are possible depending on the individual case.

#### If feeding ration composed of both WET and DRY VETERINARY HPM Kidney Joint diets

Body Weight (kg)	Normal*		Underweight	
	Wet (pouch)	Dry (g/day)	Wet (pouch)	Dry (g/day)
2	0.5	5	0.5	10
3	0.5	20	0.5	25
4	0.5	30	1	25
5	1	25	1	35
6	1	35	1	50
7	1	45	1	60
8	1	55	2	45
9	1	65	2	60
10	2	50	2	70

\*normal: senior neutered indoor cat with optimal body weight.

### KEY BENEFITS & CHARACTERISTICS

#### > Limited Protein

The protein content is reduced by 28% in comparison with VETERINARY HPM WET EARLY Kidney & Joint. This content helps limit the production of uremic toxins and maintain quality of life.

#### > Very Low Phosphorus

The phosphorus content is reduced by 30% in comparison with VETERINARY HPM WET EARLY Kidney & Joint. This restricted level helps slow down the progression of the renal disease and minimises the risk of secondary hyperparathyroidism.

#### > Reduces dehydration

The high moisture content of the wet diet naturally increases total water intake and helps compensate for dehydration.

#### > Body Condition Preservation

The increased energy density (+25% in comparison with VETERINARY HPM WET EARLY Kidney & Joint) and the adapted protein intake help compensate for poor appetite and helps reduce the risk of inadequate food intake and loss of lean mass.

#### > High Omega-3 & DHA

A specific fat source provides high levels of omega-3 fatty acids, especially DHA, that help to limit inflammatory and potentially painful processes in joints.

#### > Mobility Plus Complex

The inclusion of Chondroitin Sulfate, Chitosan and Eggshell Membrane helps maintain the cartilage integrity.

#### > High Palatability

The high level of ingredients from animal sources (93%) guarantees high palatability for optimal compliance and poor appetite compensation.



# **VETERINARY<sup>®</sup>** **HPM**

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CLINICAL  
RANGE



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# AVAILABLE SIZES DOG RANGE



	WEIGHT		JOINT	GASTRO		DERMATO	ALLERGY	KIDNEY	UROLOGY
	1 WEIGHT LOSS & DIABETES	2 WEIGHT LOSS & CONTROL	1 JOINT & MOBILITY	1 DIGESTIVE SUPPORT	WET DIGESTIVE SUPPORT	1 DERMATOLOGY SUPPORT	2 HYPOALLERGY HYDROLYSED FISH	1 KIDNEY SUPPORT	1 DISSOLUTION & PREVENTION
1.5kg				X					
3kg	X	X	X	X		X	X	X	X
7kg	X			X		X	X		
12kg	X	X	X	X		X	X	X	X
9x300g					loaf				

# CLINICAL CONDITION

## PRODUCT SELECTOR



	WEIGHT LOSS & DIABETES	WEIGHT LOSS & CONTROL	JOINT & MOBILITY	DIGESTIVE SUPPORT	WET DIGESTIVE SUPPORT	DERMATOLOGY SUPPORT	HYPOALLERGY FISH	KIDNEY SUPPORT	UROLOGY DISSOLUTION & PREVENTION
Atopy									
Chylothorax									
Chronic exocrine pancreatic insufficiency									
Chronic hepatic insufficiency									
Chronic renal insufficiency									
Colitis responsive to fibre-enhanced diet									
Constipation									
Convalescence									
Dermatitis									
Dermatosis									
Diabetes mellitus with associated obesity									
Diabetes mellitus without associated obesity									
Diarrhoea									
Digestive surgery									
Fibre-responsive colitis									
Food allergy/intolerance									
Gastric dilatation-torsion syndrome									
Hairloss									
Hyperlipaemia									
Hypothyroidism associated with obesity									
Hypothyroidism without associated obesity									
Inflammatory bowel disease									
Maldigestion malabsorption									
Obesity (>30%)									
Orthopaedic surgery of the pelvis									
Osteoarthritis									
Overweight (<30%)									
Oxalate urolith prevention									
Small intestinal bacteria overgrowth									
Struvite urolith dissolution									
Struvite urolith prevention									
Weight stabilisation/control after loss									

# ANALYTICAL CONSTITUENTS DOG RANGE

AS FED (%)	UROLOGY DISSOL & PREV	WEIGHT LOSS & DIABETES	WEIGHT LOSS & CONTROL	JOINT & MOBILITY	DIGESTIVE SUPPORT	DERMATOLOGY SUPPORT	HYPOALLERGY FISH	KIDNEY SUPPORT
Moisture	9	9	9	9	9	9	9	9
Protein	34	34	34	34	34	34	24	20.5
Animal to vegetable protein ratio	85:15	94:06	88:12	85:15	92:08	92:08	100:00	70:30
Fat	17.5	11.5	13	15	22	18	18	22
Minerals	7	7.5	7.5	6.5	7.5	7.5	7	5.5
Crude cellulose	5	15	11	9	6	5	4.5	5.5
Total dietary fibre	10	23	17	15	10.5	8	7.5	10.5
Starch	22	14	18	18	17	20	36	30
Calcium	0.8	1.3	1.3	0.9	1.3	1.3	0.9	0.8
Phosphorus	0.6	0.9	1.1	0.7	0.9	0.9	0.7	0.4
Ca/P ratio	1.3	1.4	1.2	1.3	1.4	1.4	1.3	2.0
Sodium	0.9	0.4	0.4	0.4	0.6	0.4	0.4	0.3
Potassium	0.7	0.7	0.7	0.7	0.8	0.7	0.7	0.8
Magnesium	0.08	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Omega-6	2.2	2.2	2.2	2	2.5	3	3	2.7
Omega-3	1	0.7	0.9	3	0.9	1.1	0.5	1.0
Nitrogen Free Extract (NFE)	27.5	23	25.5	26.5	21.5	26.5	37.5	37.5
Metabolisable Energy (ME) (NRC 2006) (kcal/100g)	374	274	309	335	384	375	377	391
In vivo measured ME (kcal/100g) (NRC 2006)	396	285	302	353	411	386	384	395
Protein to calorie ratio (g/Mcal)	91	124	110	102	89	91	64	52
Calorie from protein (%)	33	40	37	35	31	33	23	18
Calorie from fat (%)	41	33	35	38	49	42	42	48
Calorie from NFE (%)	26	27	28	27	20	25	35	34
Urinary pH	6.0 - 6.5	6.3 - 6.7	6.3 - 6.7	6.3 - 6.7	6.3 - 6.7	6.3 - 6.7	6.3 - 6.7	6.5 - 7.0
Struvite RSS	<1	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Oxalate RSS	<12	<12	<12	<12	<12	<12	<12	<12

## Added vitamins & trace elements:

Vitamin A (IU/kg)	11000	12600	11000	11000	12600	11000	11000	11000
Vitamin D3 (IU/kg)	1100	1260	1100	1100	1100	1100	1100	1100
Vitamin E (mg/kg)	570	650	570	570	570	570	570	570
Vitamin B1 thiamine (mg/kg)	3.8	4.4	3.8	3.8	3.8	3.8	3.8	3.8
Vitamin B2 (riboflavin) (mg/kg)	11	12.6	11	11	11	11	11	11
Vitamin B3 (PP, niacin, nicotinic ac) (mg/kg)	30	34	30	30	30	30	30	30
Vitamin B5 (pantothenic ac) (mg/kg)	26	30	26	26	26	26	26	26
Vitamin B6 (pyridoxine) (mg/kg)	3	3.2	3	3	3	3	3	3
Vitamin B9 (folic ac) (mg/kg)	0.48	0.55	0.48	0.48	0.48	0.48	0.48	0.48
Vitamin B12 (cobalamin) (mg/kg)	0.062	0.071	0.062	0.062	0.071	0.062	0.062	0.062
Choline (mg/kg)	740	850	740	740	740	740	740	740
Taurine (mg/kg)	1500	1725	1500	1500	1500	1500	1500	1500
Copper (mg/kg)	15	17	15	15	15	15	15	15
Iron (mg/kg)	25	29	25	25	25	25	25	25
Iodine (mg/kg)	1.1	1.3	1.1	1.1	1.1	1.1	1.1	1.1
Zinc (mg/kg)	120	140	120	120	140	120	120	120

## Specific functional ingredients/additives:

Bentonite (g/kg)	5	5	5	5	5	5	5	5
<i>Lactobacillus acidophilus</i> (mg/kg)	7	7	7	7	7	7	7	7
Beta-glucan (mg/kg):	0	0	0	0	500	0	0	0
L-carnitine (mg/kg)	330	330	330	330	0	330	330	330
Chitosan (mg/kg)	0	440	215	1230	0	0	0	800
Chondroitine sulphate (mg/kg)	0	440	215	1230	0	0	0	0
Eggshell membrane (mg/kg)	0	0	0	300	0	0	0	0
Nucleotides (mg/kg)	0	0	0	0	560	0	0	0
Butyrate (mg/kg)	0	0	0	0	430	0	0	0
K citrate (%)	0.3	0	0	0	0	0	0	0
Ca carbonate (%)	0	0	0	0	0	0	0	1



# ANALYTICAL CONSTITUENTS

## DOG RANGE



ON DRY MATTER (%)	UROLOGY DISSOL & PREV	WEIGHT LOSS & DIABETES	WEIGHT LOSS & CONTROL	JOINT & MOBILITY	DIGESTIVE SUPPORT	DERMATOLOGY SUPPORT	HYPOALLERGY FISH	KIDNEY SUPPORT
Protein	37.4	37.4	37.4	37.4	37.4	37.4	26.4	22.5
Fat	19.2	12.6	14.3	16.5	24.2	19.8	19.8	24.2
Minerals	7.7	8.2	8.2	7.1	8.2	8.2	7.7	6.0
Crude cellulose	5.5	16.5	12.1	9.9	6.6	5.5	4.9	6.0
Total dietary fibre	11.0	25.3	18.7	16.5	11.5	8.8	8.2	11.5
Starch	24.2	15.4	19.8	19.8	18.7	22.0	39.6	33.0
Calcium	0.9	1.4	1.4	1.0	1.4	1.4	1.0	0.9
Phosphorus	0.7	1.0	1.2	0.8	1.0	1.0	0.8	0.4
Ca/P ratio	1.3	1.4	1.2	1.3	1.4	1.4	1.3	2.0
Sodium	1.0	0.4	0.4	0.4	0.7	0.4	0.4	0.3
Potassium	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.9
Magnesium	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Omega-6	2.4	2.4	2.4	2.2	2.7	3.3	3.3	3.0
Omega-3	1.1	0.8	1.0	3.3	1.0	1.2	0.5	1.1
Nitrogen Free Extract (NFE)	30.2	25.3	28.0	29.1	23.6	29.1	41.2	41.2
Metabolisable Energy (ME) (NRC 2006) (kcal/100g)	411	301	340	368	422	412	414	430

ON 1000 KCAL (G)	UROLOGY DISSOL & PREV	WEIGHT LOSS & DIABETES	WEIGHT LOSS & CONTROL	JOINT & MOBILITY	DIGESTIVE SUPPORT	DERMATOLOGY SUPPORT	HYPOALLERGY FISH	KIDNEY SUPPORT
Protein	90.9	124.1	104.9	101.5	88.5	90.7	63.7	52.4
Fat	46.8	42.0	40.1	44.8	57.3	48.0	47.7	56.3
Minerals	18.7	27.4	23.1	19.4	19.5	20.0	18.6	14.1
Crude fibre (crude cellulose)	13.4	54.7	35.6	26.9	15.6	13.3	11.9	14.1
Total dietary fibre	26.7	83.9	55.0	44.8	27.3	21.3	19.9	26.9
Starch	58.8	51.1	55.6	53.7	44.3	53.3	95.5	76.7
Calcium	2.1	4.7	4.0	2.7	3.4	3.5	2.4	2.0
Phosphorus	1.6	3.3	3.4	2.1	2.3	2.4	1.9	1.0
Ca/P ratio	1.3	1.4	1.2	1.3	1.4	1.4	1.3	2.0
Sodium	2.4	1.5	1.2	1.2	1.6	1.1	1.1	0.8
Potassium	1.9	2.6	2.2	2.1	2.1	1.9	1.9	2.0
Magnesium	0.2	0.4	0.3	0.3	0.3	0.3	0.3	0.3
Omega-6	5.9	8.0	6.8	6.0	6.5	8.0	8.0	6.9
Omega-3	2.7	2.6	2.8	9.0	2.3	2.9	1.3	2.6
Nitrogen Free Extract (NFE)	73.5	83.9	82.5	79.1	56.0	70.7	99.5	95.9

# ANALYTICAL CONSTITUENTS WET CANINE RANGE

AS FED (%)	WET DIGESTIVE SUPPORT
Moisture	72
Protein	13
Animal/vegetable protein ratio	87/13
Fat	9.5
Minerals	2.4
Crude cellulose	1.1
Starch	0.4
Calcium	0.26
Phosphorus	0.18
Ca/P ratio	1.4
Sodium	0.25
Potassium	0.33
Magnesium	0.03
Omega-6	2.5
Omega-3	0.75
Nitrogen Free Extract (NFE)	2
Metabolisable Energy (ME) (NRC 2006) (kcal/100g)	144
In vivo measured ME (kcal/100g)	151
Protein to calorie ratio (NRC 2006) (g/Mcal)	90
Calorie from protein (%)	36
Calorie from fat (%)	59
Calorie from NFE (%)	5
URINARY PH	6.3 - 6.7
STRUVITE RSS	< 2.5
Ca oxalate RSS	< 12

## Total vitamins and trace elements

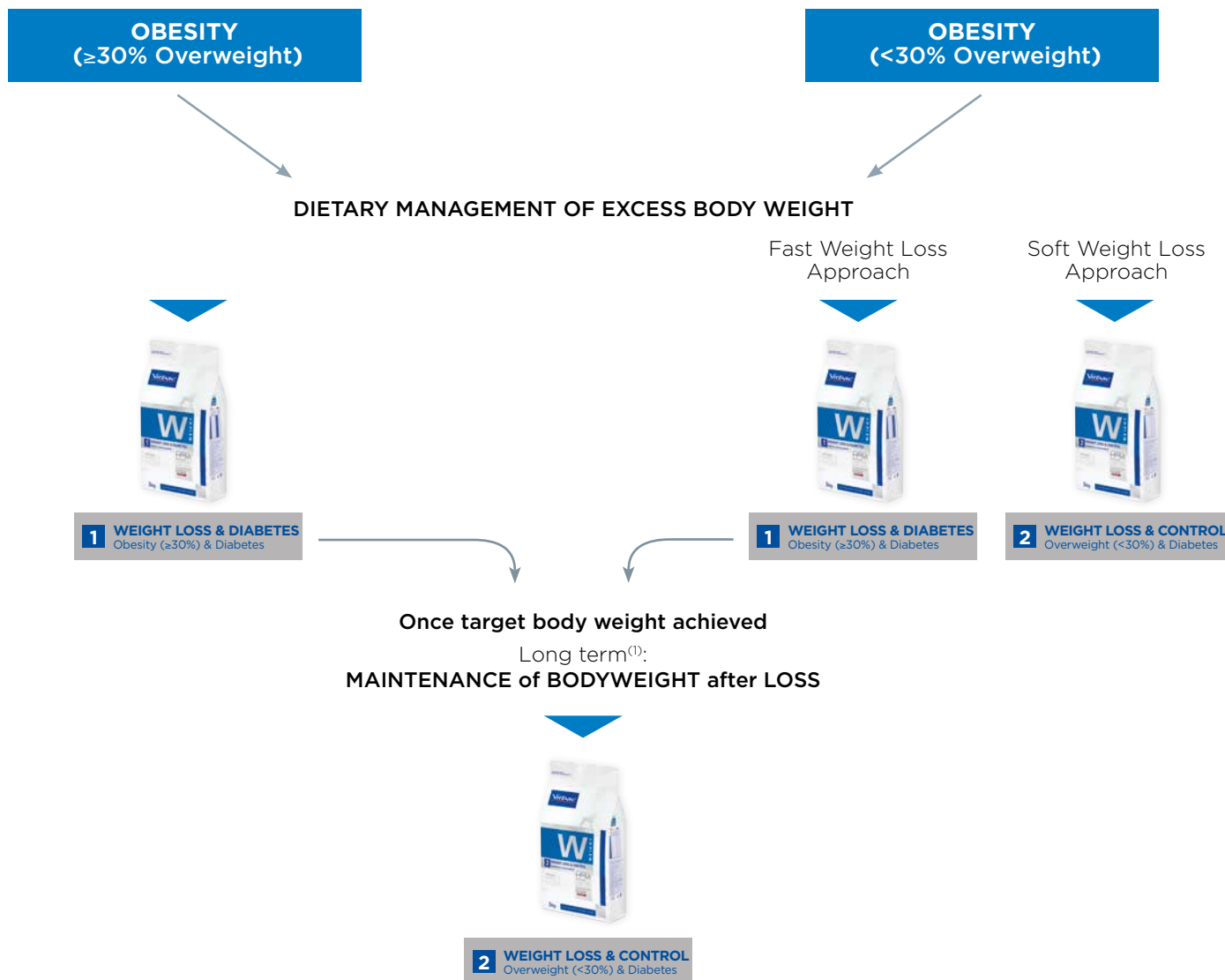
Vitamin A (IU/kg)	22000
Vitamin D3 (IU/kg)	240
Vitamin E (mg/kg)	200
Vitamin B1 thiamine (mg/kg)	1.8
Vitamin B2 (riboflavine) (mg/kg)	5
Vitamin B3 (PP, niacine, nicotinic ac) (mg/kg)	40
Vitamin B5 (pantothenic ac) (mg/kg)	9
Vitamin B6 (pyridoxine) (mg/kg)	1.5
Vitamin B8 (biotine, vitamin H) (mg/kg)	0.08
Vitamin B9 (folic ac) (mg/kg)	0.2
Vitamin B12 (cobalamine) (mg/kg)	0.03
Choline (mg/kg)	1000
Taurine (mg/kg)	1000
Copper (mg/kg)	5
Iron (mg/kg)	40
Iodine (mg/kg)	0.8
Manganese (mg/kg)	8
Selenium (mg/kg)	0.4
Zinc (mg/kg)	40

Specific functional ingredients / additives	WET DIGESTIVE SUPPORT
Bentonite (mg/kg)	900
<b>ON 1000 kcal (g)</b>	
Protein	90.3
Fat	66
Minerals	16.7
Crude cellulose	7.6
Starch	2.8
Calcium	1.8
Phosphorus	1.3
Sodium	1.7
Potassium	2.3
Magnesium	0.2
Omega-6	17.4
Omega-3	5.2
Nitrogen Free Extract (NFE)	13.9
Vitamin A (IU/kg)	15278
Vitamin D3 (IU/kg)	167
Vitamin E (mg/kg)	139
Vitamin B1 (thiamine) (mg/kg)	1.3
Vitamin B2 (riboflavine) (mg/kg)	3.5
Vitamin B3 (PP, niacine, nicotinic ac) (mg/kg)	27.8
Vitamin B5 (pantothenic ac) (mg/kg)	6.3
Vitamin B6 (pyridoxine) (mg/kg)	1
Vitamin B8 (biotine, vitamin H) (mg/kg)	0.06
Vitamin B9 (folic ac) (mg/kg)	0.14
Vitamin B12 (cobalamine) (mg/kg)	0.02
Choline (mg/kg)	694
Taurine (mg/kg)	694
Copper (mg/kg)	3.5
Iron (mg/kg)	27.8
Iodine (mg/kg)	0.6
Manganese (mg/kg)	5.6
Selenium (mg/kg)	0.3
Zinc (mg/kg)	27.8





### CANINE OBESITY



<sup>1)</sup> A veterinarian's opinion should be sought before use.



### DIABETES MELLITUS

**OVERWEIGHT**

**OPTIMAL BODY WEIGHT**

DIETARY MANAGEMENT OF DIABETES  
AND EXCESS BODY WEIGHT

DIETARY MANAGEMENT OF DIABETES  
AND WEIGHT CONTROL



**1** **WEIGHT LOSS & DIABETES**  
Obesity ( $\geq 30\%$ ) & Diabetes



**2** **WEIGHT LOSS & CONTROL**  
Overweight ( $< 30\%$ ) & Diabetes

# WEIGHT

1

## WEIGHT LOSS & DIABETES

Obesity (>30%) & Diabetes



### AVAILABLE SIZES

3 kg, 7 kg, 12 kg.

### CLINICAL INDICATIONS\*

- Reduction of excessive body weight.
- Regulation of glucose supply (diabetes mellitus); only in case of associated obesity.

### OTHER USE

- Responsive-fibre colitis.
- Constipation.
- Lipid metabolism disorders (hyperlipidemia).

### CONTRAINDICATIONS

- Growth.
- Gestation and lactation.
- Chronic kidney disease (CKD).

\* Commission regulation (eu) 2020/354

### ANALYTICAL CONSTITUENTS

% as fed

• Moisture	9
• Protein	34
• Animal to vegetable protein ratio	94:06
• Fat	11.5
• Minerals	7.5
• Crude Fibre	15
• NFE*	23
• Starch	14
• Total sugars	1
• Calcium	1.3
• Phosphorus	0.9
• Sodium	0.4
• Omega-6 fatty acids	2.2
• Omega-3 fatty acids	0.7

### KEY NUTRIENT VALUES

• ME** calculated (kcal/100g)***	274
• ME** measured in vivo (kcal/100g)	285
• Protein digestibility (in vivo; %)	82
• Fat digestibility (in vivo; %)	92
• Energy from protein (%)	40
• Energy from fat (%)	33
• Energy from NFE (%)	27
• Protein to Calorie ratio (g/Mcal)	124

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

LOW CARBOHYDRATE (NFE) **23%**

HIGH PROTEIN **34%**

of ANIMAL ORIGIN **94%**

### COMPOSITION

Dehydrated pork and poultry proteins, Potato starch<sup>(1)</sup>, Lignocellulose, Hydrolysed pork and poultry proteins, Faba bean hulls, Animal fats, Minerals, Linseed, Beet pulp, Psyllium fibre (*Plantago* (*L.*) *spp.*), Fructo-oligosaccharides, Brewers yeast, Hydrolysed crustacean (source of chitosan), *Lactobacillus acidophilus*, Chondroitin sulphate.

<sup>1)</sup> Carbohydrate sources

### SPECIFIC INGREDIENTS/ADDITIVES

• Bentonite	5g/kg
• Pasteurised <i>Lactobacillus acidophilus</i>	7 mg/kg
• Chondroitin Sulphate	440 mg/kg
• Chitosan	440 mg/kg
• L-carnitine	330 mg/kg

### FEEDING GUIDELINES

IN THE CASE OF OBESITY WITHOUT CONCURRENT DIABETES

Target Body Weight (kg)	Daily ration (g/day)	
	High restriction	Moderate restriction
3	55	70
5	80	105
8	110	145
10	125	170
15	165	220
20	200	270
25	235	310
30	265	350
40	320	425
60	420	560

The daily ration is based on the dog's TARGET bodyweight.

IN THE CASE OF OBESITY ASSOCIATED WITH DIABETES

Current Body Weight (kg)	Daily ration (g/day)
3	75
5	105
8	145
10	170
15	220
20	270
25	310
30	350
40	425
60	560

The daily ration is based on the dog's CURRENT bodyweight, and must be adjusted every week.



### KEY BENEFITS & CHARACTERISTICS

#### > Low Energy Density\*

Low energy density of the diet helps achieve rapid weight loss.<sup>(1)</sup>

#### > Improves Lean mass / Fat Mass Ratio

High Protein - Low Carbohydrate (HP-LC) formulation helps preserve lean mass and decrease fat mass during weight loss.<sup>(1)</sup>

#### > Joint Support

Addition of chondroitin sulphate and chitosan can help maintain cartilage elasticity and resistance, and curb arthritic degeneration aggravated by excess weight.

#### > High Crude Fibre Improves Satiety

High crude fibre content, especially insoluble fibres, in association with high level of protein, helps promote satiety.

#### > Low Glycaemic Index & Total Sugar

High Protein - Low Carbohydrate (HP-LC) formulation, with low amounts of starch and total sugars, helps to reduce the impact on glycaemia and insulinaemia, and helps manage patients with diabetes or insulin resistance.<sup>(1)(2)</sup>

### ADDITIONAL BENEFITS & CHARACTERISTICS

#### > Fat Burning

Added L-carnitine, a fat burner, facilitates energy production from lipids helping to preserve lean mass during weight loss.

#### > Increased Levels of Vitamins and Trace Elements (by 15%)\*\*

Formula enriched with vitamins and trace elements which guarantees adequate contributions despite feeding restriction.

#### > High Palatability

High levels of animal protein respect the natural preference of carnivores to achieve compliance.

#### > Suitable for Adult and Senior dogs

The essential nutrients fit the daily requirement of adult and senior dogs.



# 100%

OF DOGS HAVE REACHED THEIR TARGET BODY WEIGHT<sup>(1)</sup>

# 2.2%

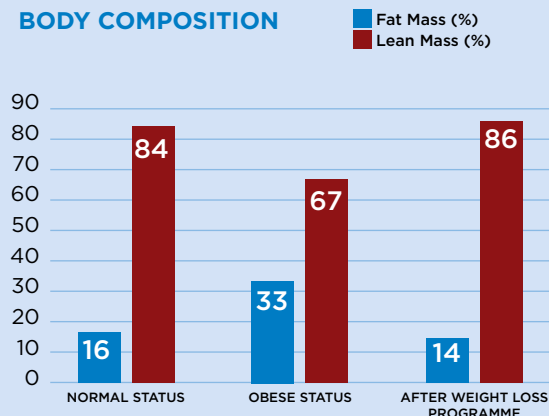
OF MEAN WEIGHT LOSS/PER WEEK<sup>(1)</sup>



### PROVEN FASTER WEIGHT LOSS

OPTIMAL BODY WEIGHT REACHED AFTER 27 WEEKS COMPARED TO 34 FOR COMPETITORS<sup>(2)</sup>

### BODY COMPOSITION

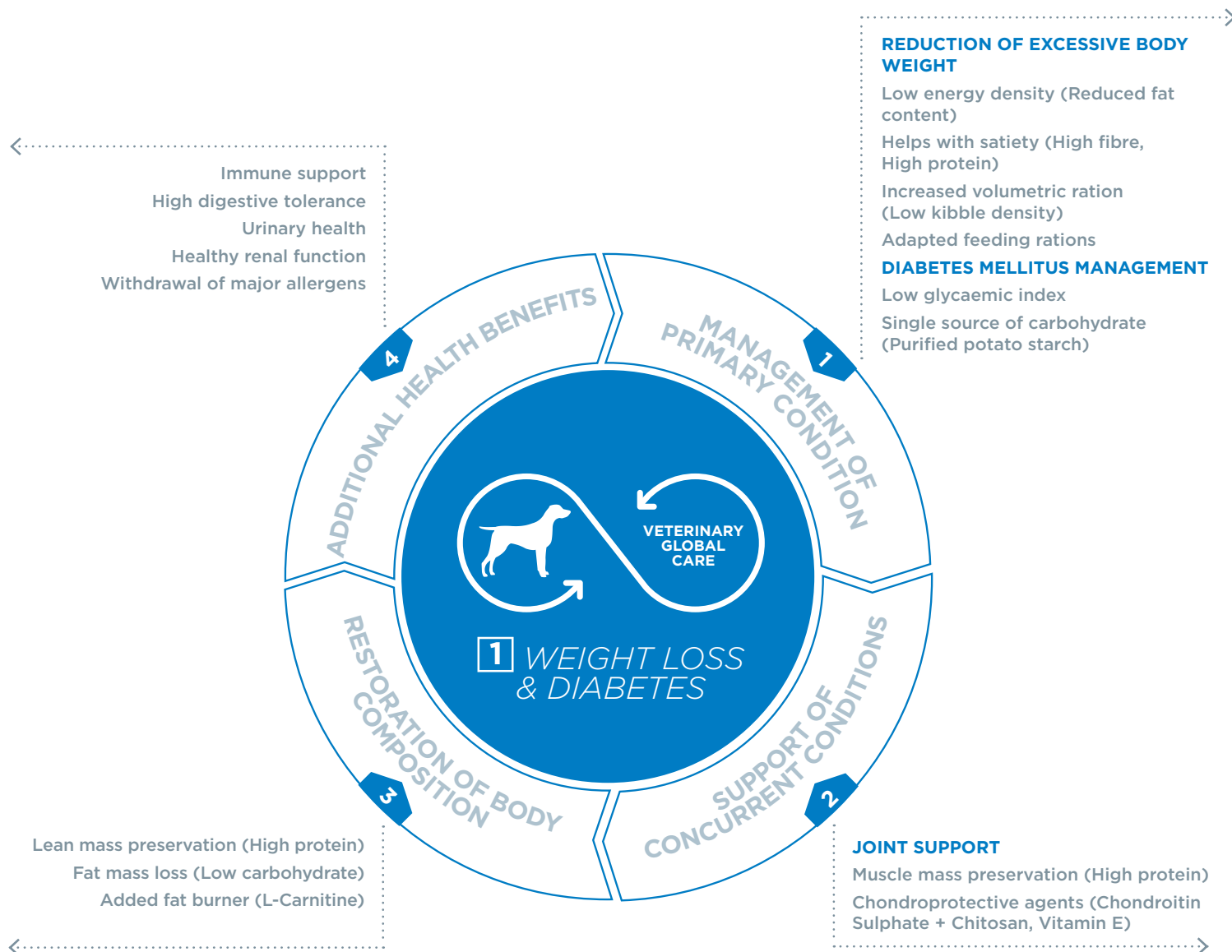


\* Commission regulation (eu) 2020/354

\*\*Compared to VETERINARY HPM® Adult Neutered Dog

(1) Andre A, Leriche J, Chaix G, Thorin C, Burger M and Nguyen P. Recovery of insulin sensitivity and optimal body composition after rapid weight loss in obese dogs fed a high-protein medium-carbohydrate diet. J Anim Physiol Anim Nutr 2017 ; 101 (Suppl): 21-30.

(2) I Leriche, C Fontaine and C Théron. Efficacy and tolerance of a high-protein high-fibre low-starch diet for weight loss in client-owned obese dogs: a randomized double-blind controlled evaluation. SEVC November 2020







### AVAILABLE SIZES

3 kg, 12 kg.

### CLINICAL INDICATIONS\*

- Reduction of excessive body weight.
- Regulation of glucose supply (diabetes mellitus); only in case of normal body weight.

### OTHER USE

- Weight control after weight loss.
- Fibre-responsive colitis.
- Constipation.

### CONTRAINDICATIONS

- Growth.
- Gestation and lactation.
- Chronic kidney disease (CKD).

\* Commission regulation (eu) 2020/354

### ANALYTICAL CONSTITUENTS

% as fed

• Moisture	9
• Protein	34
• Animal to vegetable protein ratio	88:12
• Fat	13
• Minerals	7.5
• Crude Fibre	11
• NFE*	25.5
• Total Dietary Fibre	17
• Starch	18
• Total sugars	1
• Calcium	1.3
• Phosphorus	1.1
• Sodium	0.4
• Omega-6 fatty acids	2.2
• Omega-3 fatty acids	0.9

### KEY NUTRIENT VALUES

• ME** calculated (kcal/100g)***	309
• ME** measured in vivo (kcal/100g)	302
• Protein digestibility (in vivo; %)	80
• Fat digestibility (in vivo; %)	95
• Energy from protein (%)	37
• Energy from fat (%)	35
• Energy from NFE (%)	28
• Protein to Calorie ratio (g/Mcal)	110

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

LOW CARBOHYDRATE (NFE) **25.5%**

HIGH PROTEIN

**34%**

of ANIMAL ORIGIN **88%**

### COMPOSITION

Dehydrated pork and poultry proteins, Rice <sup>(1)</sup>, Lignocellulose, Hydrolysed pork and poultry proteins, Animal fats, Faba bean hulls, Potato starch <sup>(1)</sup>, Peas <sup>(1)</sup>, Linseed, Minerals, Beet pulp, Brewers yeast, Psyllium fibre (*Plantago (L.) spp.*), Fructo-oligosaccharides, Hydrolysed crustacean (source of chitosan), *Lactobacillus acidophilus*, Chondroitin sulphate.

(1) Carbohydrate sources.

### SPECIFIC INGREDIENTS/ADDITIVES

• Bentonite	5g/kg
• Pasteurised <i>Lactobacillus acidophilus</i>	7 mg/kg
• Chondroitin sulphate	215 mg/kg
• Chitosan	215 mg/kg
• L-carnitine	330 mg/kg

### FEEDING GUIDELINES

Body Weight (kg)	Daily ration (g/day)		
	weight loss	weight control	diabetes (without obesity)
3	65	75	105
5	95	105	150
8	130	145	200
10	150	170	235
15	195	220	305
20	240	270	370
25	275	310	430
30	310	350	490
40	380	425	590
60	495	560	775

The daily ration is based on the dog's CURRENT bodyweight, and must be adjusted every week in case of weight loss and every month in case of maintenance.



### KEY BENEFITS & CHARACTERISTICS

#### > Low Energy Density\*

Low energy density of the diet helps achieve soft weight loss.<sup>(1)</sup>

#### > Moderate Restriction of Daily Ration

Ideal for soft weight loss allowing the feeding of moderate daily rations, to help achieve optimal compliance.<sup>(1)</sup>

#### > Improves Lean Mass / Fat Mass Ratio

High Protein - Low Carbohydrate (HP-LC) formulation helps preserve lean mass during weight loss and maintain ideal body composition after weight loss.<sup>(2)</sup>

#### > High Palatability

High levels of animal protein guarantees high palatability for optimal compliance.<sup>(1)</sup>

#### > Low Glycaemic Index & Total Sugar

High Protein - Low Carbohydrate (HP-LC) formulation, with low amounts of starch and total sugars, to help reduce the impact of the meal on glycaemia and insulinaemia, and manage patients with diabetes mellitus or insulin resistance.

### ADDITIONAL BENEFITS & CHARACTERISTICS

#### > Fat burning

Added L-carnitine, a fat burner, facilitates energy production from lipids helping to preserve lean mass during weight loss.

#### > Joint support

Addition of chondroitin sulfate and chitosan aids joint support.

#### > Increased Fibre

Fibre helps promote satiety and regulate starch digestion and absorption.

#### > Coat Condition

Balanced levels of omega-6 and omega-3 contribute to normal coat condition.

#### > Suitable for Adult and Senior dogs

The essential nutrients fit the daily requirement of adult and senior dogs.



**80%**

OF DOGS HAVE SIGNIFICANTLY  
LOST BODY WEIGHT<sup>(1)</sup>

**0.8%**

OF MEAN WEIGHT  
LOSS/PER WEEK<sup>(1)</sup>

**90%**

OF DOGS ENJOYED THE  
DIET ACCORDING TO THEIR  
PETOWNER<sup>(1)</sup>

**84%**

OF DOGS SHOWED A  
SATISFIED APPETITE<sup>(1)</sup>

\* Commission regulation (eu) 2020/354

1) Chaix G., Navarro C., Fournel S., Leriche I. Weight management in client-owned dogs fed a high protein - low carbohydrate maintenance diet. ESVCN Congress, Utrecht, Netherlands, 11-13 Sept 2014.

2) Maintenance of body composition and insulin sensitivity in dogs fed a high protein low carbohydrate diet after weight loss. Internal data 2016.



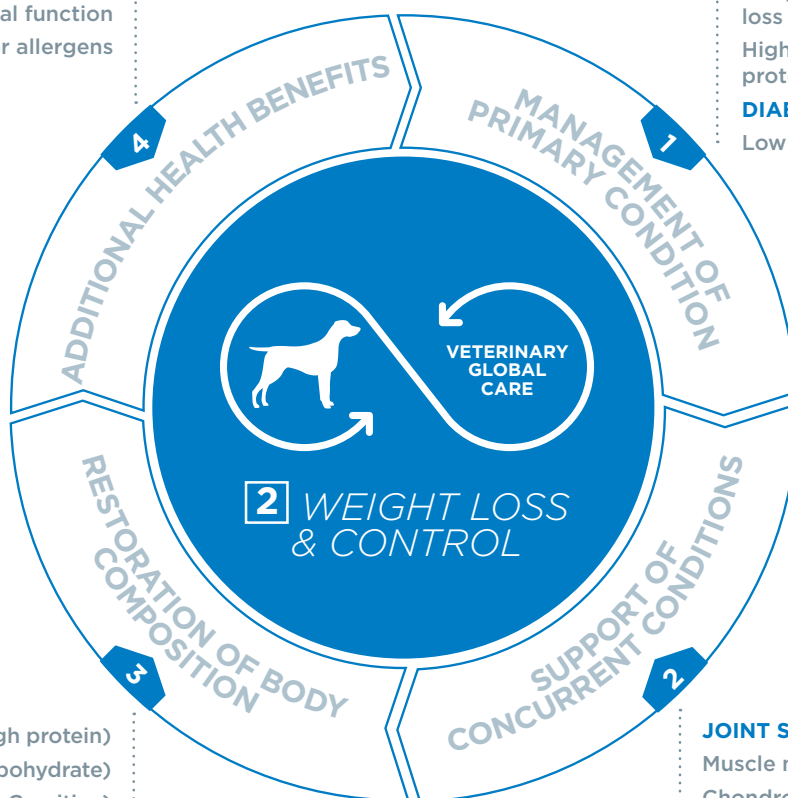
Skin and Coat support  
 Immune support  
 High digestive tolerance  
 Urinary health  
 Healthy renal function  
 Withdrawal of major allergens

### REDUCTION OF EXCESSIVE BODY WEIGHT/ MAINTENANCE OF IDEAL BODY WEIGHT AFTER WEIGHT LOSS PROGRAMME

Low energy density (Reduced fat content)  
 Helps increase satiety (High fibre, High protein)  
 Adapted feeding rations (Soft weight loss programme)  
 High palatability (Richness in animal protein and fat)

### DIABETES MELLITUS MANAGEMENT

Low glycaemic index



Lean mass preservation (High protein)  
 Fat mass loss (Low carbohydrate)  
 Added fat burner (L-Carnitine)

### JOINT SUPPORT

Muscle mass preservation (High protein)  
 Chondroprotective agents (Chondroitin Sulphate + Chitosan, Vitamin E)

# JOINT SELECTING THE CORRECT PRODUCT



## CANINE OSTEOARTHRITIC DISEASES

(NB: medical management of pain must be considered)

### NORMAL BODY WEIGHT

Medium / long term<sup>(1)</sup>



**1 JOINT & MOBILITY**  
Weight Management

### OVERWEIGHT < 30%



**1 JOINT & MOBILITY**  
Weight Management

with specific feeding rations  
for soft weight loss

### OVERWEIGHT ≥ 30%



**1 WEIGHT LOSS & DIABETES**  
Obesity (>30%) & Diabetes

As soon as target body  
weight achieved:



Medium / Long term<sup>(1)</sup>:  
**DIETARY JOINT & MOBILITY  
SUPPORT & WEIGHT CONTROL**



**1 JOINT & MOBILITY**  
Weight Management

<sup>1)</sup> A veterinarian's opinion should be sought before use.



Improved formula with innovative Eggshell Membrane<sup>(1)</sup>



**AVAILABLE SIZES**  
3 kg, 12 kg.

## CLINICAL INDICATIONS\*

- Support of the metabolism of joints in the case of osteoarthritis.

## OTHER USE

- Joint disorders.
- Mobility improvement.
- Body weight management.

## CONTRAINDICATIONS

- Use before growth peak.
- Gestation and lactation.
- Chronic kidney disease (CKD).

\* Commission regulation (eu) 2020/354

(1) Film lining the internal side of the chicken eggshell. Mechanically separated from shell, no chemicals involved.

## ANALYTICAL CONSTITUENTS

% as fed

• Moisture	9
• Protein	34
• Animal to vegetable protein ratio	85:15
• Fat	15
• Minerals	6.5
• Crude Fibre	9
• NFE*	26.5
• Total Dietary Fibre	15
• Starch	18
• Calcium	0.9
• Phosphorus	0.7
• Sodium	0.4
• Omega-6 fatty acids	2
• Omega-3 fatty acids	3
• EPA	0.6

## KEY NUTRIENT VALUES

• ME** calculated (kcal/100g)***	335
• ME** measured in vivo (kcal/100g)	353
• Protein digestibility (in vivo; %)	82
• Fat digestibility (in vivo; %)	94.5
• Energy from protein (%)	35
• Energy from fat (%)	38
• Energy from NFE (%)	27
• Protein to Calorie ratio (g/Mcal)	102

\* Nitrogen Free Extract  
\*\* Metabolisable energy  
\*\*\* Calculated with NRC 2006

**LOW CARBOHYDRATE (NFE) 26.5%**

**HIGH PROTEIN**

**34%**

**of ANIMAL ORIGIN**

**85%**

## COMPOSITION

Dehydrated pork and poultry proteins, Rice, Faba bean hulls, Hydrolysed pork and poultry proteins, Lignocellulose, Peas, Linseed, Fish oil, Potato starch, Animal fats, Minerals, Fructo-oligosaccharides, Psyllium fibre (*Plantago (L.) spp.*), Brewers yeast, Beet pulp, Hydrolysed crustacean (source of chitosan), Egg membrane, *Lactobacillus acidophilus*, Chondroitin sulphate.

## SPECIFIC INGREDIENTS/ADDITIVES

• Chitosan	1240 mg/kg
• Chondroitine sulphate	1240 mg/kg
• Vitamin E	570 mg/kg
• Bentonite	5g/kg
• Pasteurised <i>Lactobacillus acidophilus</i>	7 mg/kg
• L-carnitine	330 mg/kg
• Eggshell membrane	300 mg/kg

## FEEDING GUIDELINES

Body Weight (kg)	Daily ration (g/day)		
	Overweight soft weight loss	Normal*	Underweight
3	60	80	85
5	85	110	125
8	120	150	170
10	140	175	195
15	180	225	255
20	220	275	310
25	255	320	360
30	290	360	405
40	350	435	490
60	455	570	645

The daily ration is based on the dog's CURRENT bodyweight, and must be adjusted every month, or every week in the case of weight loss.

\*adult dog with optimal body weight and low physical activity



## KEY BENEFITS & CHARACTERISTICS

### > Muscle Mass Preservation

The high levels of protein helps promote strong muscles to support joints and mobility.

### > High Omega-3 and High EPA\*

Specific fat sources provide high levels of omega-3, especially EPA, and can help limit the inflammatory processes in joints.

### > Body Weight Control

Low energy density and adapted feeding rations (soft weight loss approach) help achieve and maintain ideal body weight to limit mechanical impact on joints.

### > MOBILITY Plus Complex

The inclusion of Chondroitin sulphate and Chitosan help to maintain the cartilage integrity.

## ADDITIONAL BENEFITS & CHARACTERISTICS

### > Addition of Antioxidant

High levels of vitamin E (570 mg/kg) helps limit oxidative processes.

### > Addition of Eggshell Membrane

Contains Eggshell Membrane, known for its effectiveness on osteoarthritis management: pain reduction, increase in joint function and quality of life.<sup>(1)</sup>

### > Protection of Digestive Mucosa

Added sepiolite can help to support the mucosa in the case of concurrent anti-inflammatory therapy.

### > High Digestive Tolerance

Addition of specific functional ingredients (clay, probiotics, prebiotics and selected fibres) helps maintain a healthy digestive tract.

### > High Palatability

High levels of animal protein guarantees high palatability for optimal compliance.<sup>(2)</sup>

### > Suitable for Junior, Adult and Senior dogs

The essential nutrients fit the daily requirement of junior, adult and senior dogs.

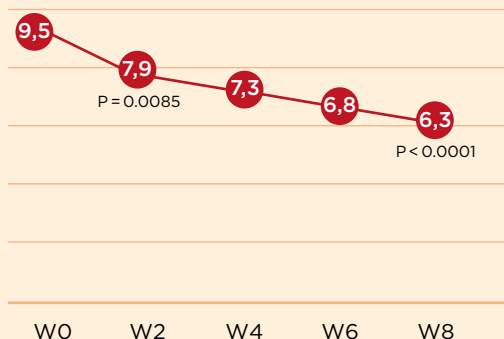


# 78%

OF OWNERS SATISFIED BY THE EFFECTS OF VETERINARY HPM JOINT & MOBILITY IN DOGS AFTER 8 WEEKS<sup>(2)</sup>.

## MEAN SEVERITY SCORE

Visible results within 2 weeks<sup>(2)</sup>



\* Commission regulation (eu) 2020/354

(1) Aguirre A et al. The efficacy of Ovopet in the treatment of hip dysplasia in dogs. J Vet Med Anim Health 2018; 10(8): 198-207. Benson KF et al. Effects of natural eggshell membrane (NEM) on cytokine production in cultures of peripheral blood mononuclear cells: increased suppression of tumor necrosis factor-alpha levels after in vitro digestion. J Med Food 2012; 15(4): 360-368. Dockery N and Cousin C. NEM brand eggshell membrane: clinically proven benefits for joint health in dogs. Pet Food Suppl 2017: 18-19. Ruff KJ et al. Effectiveness of NEM brand eggshell membrane in the treatment of suboptimal joint function in dogs: a multicenter, randomized, double-blind, placebo-controlled study. Vet Med Res Rep 2016; 7: 113-121.

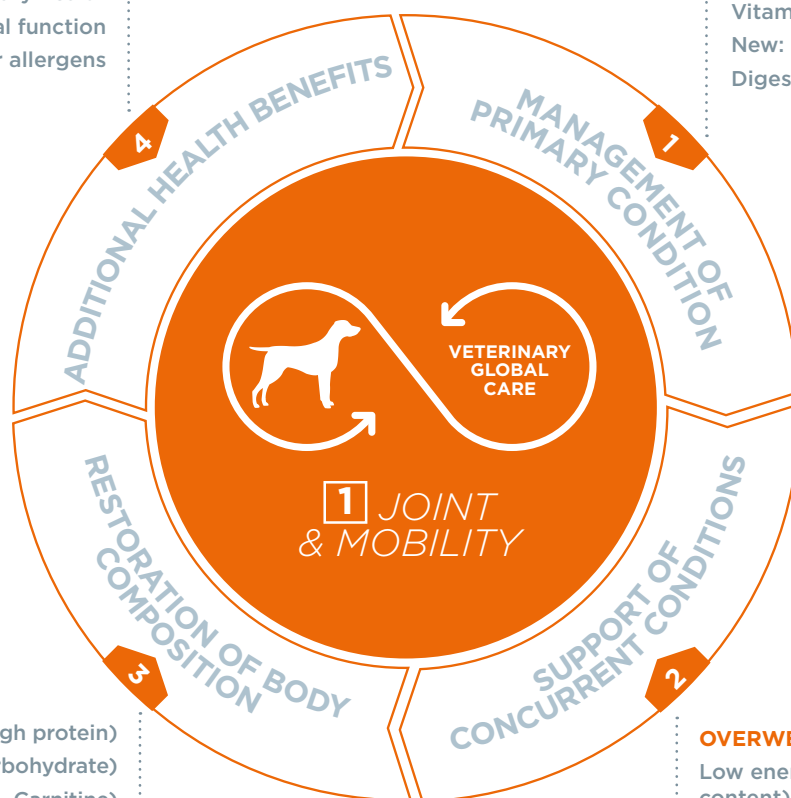
(2) Nicolas C., Fournel S., Navarro C., Leriche I. Assessment of a new high protein - high essential fatty acid diet in dogs with chronic joint disorders. AHVM Congress, Valencia, Spain, 26-27 Sept 2016.



High digestive tolerance  
Low glycaemic index  
Skin and Coat support  
Immune support  
Urinary health  
Healthy renal function  
Withdrawal of major allergens

#### OSTEOARTHRITIS MANAGEMENT

Modulates inflammatory cascade and pain mediators (High omega 3 and EPA)  
Muscle support (High protein)  
Joint support (Mobility plus complex, Vitamin E)  
New: Eggshell Membrane  
Digestive mucosa protection (Bentonite)



Lean mass preservation (High protein)  
Fat mass limitation (Low carbohydrate)  
Added fat burner (L-Carnitine)

#### OVERWEIGHT MANAGEMENT

Low energy density (Reduced fat content)  
Helps with satiety (High fibre, High protein)  
Adapted feeding rations (Soft weight loss programme)



### CHRONIC CANINE DIGESTIVE DISEASES

#### CONSTIPATION

Responsive to  
FIBRE-ENHANCED DIET



or



**1 WEIGHT LOSS & DIABETES**  
Overweight (>30%) & Diabetes

**2 WEIGHT LOSS & CONTROL**  
Overweight (<30%) & Diabetes

#### DIARRHOEA

Suspicion of Food  
Intolerance/Allergy

ELIMINATION TRIAL  
(6-8 weeks)



**2 ALLERGY FOOD INTOLERANCE**  
With hydrolysed fish protein

**IMPROVEMENT**

Long term<sup>(1)</sup>  
FOOD ELIMINATION



**2 ALLERGY FOOD INTOLERANCE**  
With hydrolysed fish protein

Other gastro-intestinal  
disorders

**NO IMPROVEMENT**

Medium / Long term<sup>(2)</sup>  
GASTRO INTESTINAL SUPPORT



**1 DIGESTIVE SUPPORT**  
Maldigestion & Restoration



**WET DIGESTIVE SUPPORT**  
Maldigestion & Restoration

<sup>1)</sup> If signs of intolerance disappear, this food can be used indefinitely (European Commission directive 2020/354)

<sup>2)</sup> Up to 12 weeks, it is recommended that a veterinarian's opinion be sought before use and continuation of diet feeding.





**AVAILABLE SIZES**  
1.5 kg, 3 kg, 7 kg, 12 kg.

## CLINICAL INDICATIONS\*

LINKED TO GASTROINTESTINAL DISORDERS:

- Compensation for maldigestion.
- Reduction of acute intestinal absorptive disorders.
- Chronic Exocrine Pancreatic Insufficiency.

LINKED TO RECOVERY

- Nutritional restoration.
- Convalescence.

## OTHER USE

- Gastritis/Enteritis/Colitis.
- Megacolon.
- Inflammatory Bowel Disease.
- Recovery after digestive surgery.
- Recovery after disease.
- Recovery after anorexia period.

## CONTRAINDICATIONS

- Chronic kidney disease (CKD).
- Cardiac insufficiency.

\* Commission regulation (eu) 2020/354

## ANALYTICAL CONSTITUENTS

% as fed

• Moisture	9
• Protein	34
• Animal to vegetable protein ratio	92:08
• Fat	22
• Minerals	7.5
• Crude Fibre	6
• NFE*	21.5
• Starch	17
• Calcium	1.3
• Phosphorus	0.9
• Sodium	0.6
• Potassium	0.8
• Omega-6 fatty acids	2.5
• Omega-3 fatty acids	0.9
• EPA+DHA	0.3
• Vitamin B12 (cobalamin) (mg/kg)	0.071

## KEY NUTRIENT VALUES

• ME** calculated (kcal/100g)***	384
• ME** measured in vivo (kcal/100g)	411
• Protein digestibility (in vivo; %)	85
• Fat digestibility (in vivo; %)	97
• Energy from protein (%)	31
• Energy from fat (%)	49
• Energy from NFE (%)	20
• Protein to Calorie ratio (g/Mcal)	89

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

**LOW CARBOHYDRATE (NFE) 21.5%**

**HIGH PROTEIN 34%**

**of ANIMAL ORIGIN 92%**

## COMPOSITION

Dehydrated pork and poultry proteins<sup>(1)</sup>, Rice<sup>(1)</sup>, Animal fats<sup>(1)</sup>, Lignocellulose, Hydrolysed pork and poultry proteins<sup>(1)</sup>, Beet pulp, Minerals, Fish oil<sup>(1)</sup>, Linseed, Brewers yeast (source of beta-glucan and nucleotide), Psyllium fibre (*Plantago (L.) spp.*), Fructo-oligosaccharides, Calcium butyrate, *Lactobacillus acidophilus*.

1) Highly digestible ingredients

## SPECIFIC INGREDIENTS/ADDITIVES

• Bentonite	5g/kg
• Pasteurised <i>Lactobacillus acidophilus</i>	7 mg/kg
• Butyrate	430 mg/kg
• Nucleotides	560 mg/kg
• Beta-glucan	500 mg/kg

## FEEDING GUIDELINES

Body Weight (kg)	Daily ration (g/day)		
	Overweight	Normal*	Recovery Underweight
3	65	85	100
5	95	120	140
8	130	160	195
10	150	185	225
15	195	245	295
20	235	295	355
25	275	345	415
30	310	390	465
40	375	470	565
60	495	615	740

The daily ration is based on the dog's CURRENT bodyweight, and must be adjusted every week during recovery and every month in the medium/long term.

\*adult dog with optimal body weight and normal physical activity



## KEY BENEFITS & CHARACTERISTICS

### > Promotes Nutritional Restoration\*

High levels of essential nutrients and energy density help compensate for losses and allow restoration of body composition.

### > Low-allergen Formulation

The diet is formulated to exclude common food allergens such as: gluten, maize, wheat, soya, egg, fish and dairy products. High quality limited protein sources (pork, poultry and rice) help to minimise antigenic load and therefore the chance of adverse digestive reactions.

### > High Energy & Concentration\*

High energy density and concentrations of essential nutrients allows needs to be met even when small rations are fed. High levels of energy from fat and protein can be beneficial during recovery.

### > Low Starch (17% as fed)

Low level of starch helps to increase digestibility and digestive tolerance.

### > DIGEST Plus Complex

Addition of specific functional ingredients (clay, probiotics, prebiotics, selected fibres, butyrate, nucleotides) which helps to quickly restore digestive function and produce normal faeces.

## ADDITIONAL BENEFITS & CHARACTERISTICS

### > Increases Water Intake

High levels of protein stimulate water intake to help compensate for losses.

### > Supports Digestive Barrier Effect

Addition of selected functional ingredients (beta glucans, butyrate, nucleotides) can help to restore an effective digestive defense.

### > Supports Immunity

High protein content with a balanced amino acid profile, and vitamin E help to support the immune system.

### > High Palatability

High levels of animal protein guarantees high palatability for optimal compliance.<sup>(1)</sup>

### > Suitable for all Life Stages

The amounts of all essential nutrients fit the daily requirements of all dogs at all stages or physiological status (puppies, adult dogs, gestating or lactating bitches, and senior dogs).

## VISIBLE RESULTS WITHIN 1 MONTH<sup>(1)</sup>



# 96%

SHOW A NORMAL  
FAECAL CONSISTENCY

# 77%

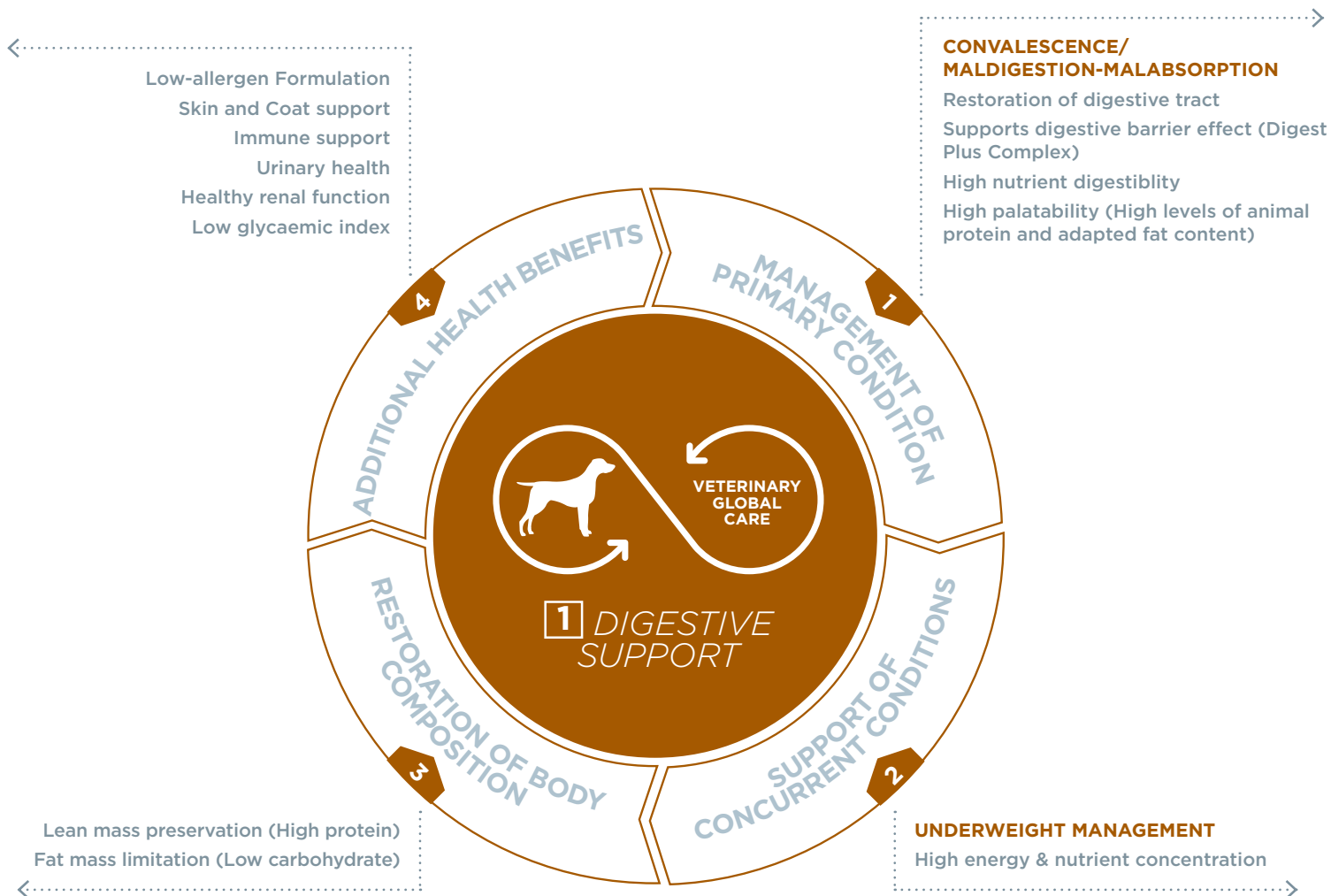
OF DOGS SHOW IMPROVED  
STOOL ODOUR

# 86%

OF DOGS IMPROVED  
WITHIN 1 MONTH

\* Commission regulation (eu) 2020/354

<sup>1)</sup> Leriche I., Fournel S., Chaix G., Gely MO. Assessment of a new high protein - low carbohydrate diet in dogs with chronic gastrointestinal disorders. ESVN Congress, Berlin, Germany, 15-17 Sept 2016.





**AVAILABLE FORMATS**  
9 x 300 g

### CLINICAL INDICATIONS\*

- Compensation for maldigestion
- Reduction of intestinal absorptive disorders
- Chronic Exocrine Pancreatic Insufficiency.

#### LINKED TO RECOVERY

- Nutritional restoration.
- Convalescence.

### OTHER USE

- Gastritis / Enteritis / Colitis.
- Megacolon.
- Inflammatory Bowel Disease.
- Recovery after digestive surgery.
- Recovery after disease.
- Recovery after anorexia period.

### CONTRAINDICATIONS

- Chronic Kidney Disease (CKD)
- Growth

\* Commission regulation (eu) 2020/354

### ANALYTICAL CONSTITUENTS

% as fed

• Moisture	72
• Protein	13
• Animal to vegetable protein ratio	87/13
• Fat	9.5
• Minerals	2.4
• Crude Cellulose	1.1
• NFE*	2.0
• Starch	0.4
• Calcium	0.26
• Phosphorus	0.18
• Sodium	0.25
• Potassium	0.33
• Omega-6 fatty acids	2.5
• Omega-3 fatty acids	0.75
• EPA+DHA	0.55

### KEY NUTRIENT VALUES

• ME** calculated (kcal/100g)***	144
• ME** measured in vivo (kcal/100g)	151
• Protein digestibility (in vivo; %)	87.5
• Fat digestibility (in vivo; %)	97
• Energy from protein (%)	36
• Energy from fat (%)	59
• Energy from NFE (%)	5
• Protein to Calorie ratio (g/Mcal)	90

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

### COMPOSITION

Loaf: chicken neck, chicken liver<sup>(1)</sup>, pork kidney<sup>(1)</sup>, chicken tripes<sup>(1)</sup>, mechanically deboned chicken meat<sup>(1)</sup>, pea protein extract<sup>(1)</sup>, fish oil<sup>(1)</sup>, sunflower oil<sup>(1)</sup>, pork plasma<sup>(1)</sup>, egg white<sup>(1)</sup>, minerals and vitamins, cellulose, lignocellulose, potato starch, caramel.

(1) Highly digestible ingredients

### SPECIFIC INGREDIENTS/ADDITIVES

- Bentonite 900 mg/kg

**LOW CARBOHYDRATE (NFE) 2%**

**HIGH PROTEIN 13%**

**of ANIMAL ORIGIN 87%**



## FEEDING GUIDELINES



### IF EXCLUSIVELY FEEDING WITH WET

Body Weight (kg)	Pouch/day		
	Overweight	Normal	Recovery Underweight
3	0.5	0.5	1
5	1	1	1.5
8	1.5	1.5	1.5
10	1.5	1.5	2
15	2	2	2.5
20	2.5	2.5	3
25	3	3	3.5
30	3	3.5	4
40	4	4	5
60	5	5.5	6.5

Mixed feeding is also possible, combining VETERINARY HPM Wet and Dry Digestive diets. We propose to provide around 50% of the energy needed with wet and 50% with dry, but all combinations are possible depending on the individual case.

### IF FEEDING RATION COMPOSED OF BOTH WET AND DRY VETERINARY HPM DIGESTIVE SUPPORT DOG

Body Weight (kg)	Overweight		Normal		Recovery Underweight	
	Wet (pouch)	Dry (g/day)	Wet (pouch)	Dry (g/day)	Wet (pouch)	Dry (g/day)
3	0.25	45	0.25	55	0.5	45
5	0.5	50	0.5	60	0.5	85
8	0.5	90	0.5	105	0.5	135
10	0.5	110	0.5	130	1	110
15	1	110	1	130	1	180
20	1	155	1	185	1.5	185
25	1.5	140	1.5	175	1.5	245
30	1.5	180	1.5	220	2	240
40	2	200	2	245	2.5	285
60	2.5	275	2.5	335	3	405

## BENEFITS & CHARACTERISTICS

### > High Energy

High energy density of essential nutrients helps compensate for losses even when small rations are fed.

### > High Protein, Low Carbohydrate

The energy balance (Protein:Fat:Carbohydrate) of the diet favours the quick restoration of optimal body condition.

### > High Digestive Tolerance

Carefully selected high quality ingredients with high percentage of animal origin to provide high protein and fat digestibility and to respect the digestive sensitivity of dogs.

### > Increases Water Intake

The water content in the diet naturally increases total water intake for optimal water turnover and helps to compensate for fluid losses.

### > High Palatability

High proportion of ingredients of animal origin (87%) help to meet the natural preference of domestic dogs.

## VISIBLE RESULTS WITHIN 1 WEEK<sup>(1)</sup>

**100%** SHOW A NORMAL  
FAECAL CONSISTENCY

**97%** OF DOGS SHOW IMPROVED  
STOOL ODOUR

**87%** OF DOGS IMPROVED  
AFTER 1 WEEK



(1) Internal study on 42 dogs with at least 3 abnormal digestive parameters, fed exclusively with Veterinary HPM G1 Dry and Veterinary HPM G Wet, 2024



### CANINE SKIN AND COAT DISEASE

**SKIN DISEASE WITH NO EVIDENCE OR SUSPICION OF ADVERSE FOOD REACTION**

Medium / Long Term<sup>(3)</sup>  
**SKIN & COAT SUPPORT**

**1** DERMATOLOGY  
SUPPORT



**EVIDENCE OR HIGH SUSPICION OF ADVERSE FOOD REACTION**

**ELIMINATION TRIAL**  
6-8 weeks

**NO IMPROVEMENT**<sup>(1)</sup>

Further investigation  
advisable

**IMPROVEMENT**<sup>(1)</sup>

Food Intolerance/Allergy confirmed

Long Term<sup>(2)</sup>  
**FOOD ELIMINATION**

**2** HYPOALLERGY  
With hydrolysed fish protein



### REMEMBER!

- 94% OF DERMATOSES ARE UNRELATED TO ADVERSE FOOD REACTION<sup>(4)</sup>
- ALLERGIC SKIN DISEASE IS A MULTI-FACTORIAL CONDITION REQUIRING A MULTI-MODAL APPROACH

<sup>1)</sup> In the opinion of the veterinary surgeon

<sup>2)</sup> If signs of intolerance disappear, this food can be used indefinitely (Commission Regulation (EU) 2020/354)

<sup>3)</sup> Up to 2 months. It is recommended that a veterinary surgeon's opinion be sought before use. (Commission Regulation (EU) 2020/354)

<sup>4)</sup> Olivry T, Mueller RS. Critically appraised topic on adverse food reactions of companion animals (3): prevalence of cutaneous adverse food reactions in dogs and cats. BMC Vet Res. 2017;13:51.



## AVAILABLE SIZES

3 kg, 7 kg, 12 kg.

## CLINICAL INDICATIONS\*

- Support of the skin function in the case of dermatosis and excessive loss of hair.

## OTHER USE

- Inflammatory skin conditions, dermatitis, atopic dermatitis.
- Pruritus.

## CONTRAINDICATIONS

- Chronic kidney disease (CKD).

\* Commission regulation (eu) 2020/354

## ANALYTICAL CONSTITUENTS

% as fed

• Moisture	9
• Protein	34
• Animal to vegetable protein ratio	92:08
• Fat	18
• Minerals	7.5
• Crude Fibre	5
• NFE*	26.5
• Starch	20
• Calcium	1.3
• Phosphorus	0.9
• Sodium	0.4
• Methionine + Cystine	1.3
• Phenylalanine + Tyrosine	2.1
• Omega-6 fatty acids	3
• LA	2.7
• Omega-3 fatty acids	1.1
• EPA+DHA	0.5
• (LA+GLA):(EPA+DHA) ratio	5

## KEY NUTRIENT VALUES

• ME** calculated (kcal/100g)***	375
• ME** measured in vivo (kcal/100g)	386
• Protein digestibility (in vivo; %)	87
• Fat digestibility (in vivo; %)	96
• Energy from protein (%)	33
• Energy from fat (%)	42
• Energy from NFE (%)	25
• Protein to Calorie ratio (g/Mcal)	91

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

## COMPOSITION

Dehydrated pork and poultry proteins, Potato starch, Animal fats, Hydrolysed pork and poultry proteins, Faba bean hulls, Peas, Minerals, Beet pulp, Linseed, Lignocellulose, Fish oil, Sunflower oil, Psyllium fibre (*Plantago (L.) spp.*), Fructo-oligosaccharides, Brewers yeast, Borage seed, *Lactobacillus acidophilus*, Chondroitin sulphate.

## SPECIFIC INGREDIENTS/ADDITIVES

• Bentonite	5g/kg
• Pasteurised <i>Lactobacillus acidophilus</i>	7 mg/kg
• L-carnitine	330 mg/kg

## FEEDING GUIDELINES

Body Weight (kg)	Daily ration (g/day)		
	Overweight	Normal*	Underweight
3	70	85	95
5	95	120	135
8	135	165	185
10	155	195	215
15	205	255	280
20	245	305	335
25	285	355	390
30	320	400	440
40	390	485	535
60	510	640	700

The daily ration is based on the dog's CURRENT bodyweight, and must be adjusted every month.

LOW CARBOHYDRATE (NFE) **26.5%**

HIGH PROTEIN

**34%**

of ANIMAL ORIGIN

**92%**

\*adult dog with optimal body weight and normal physical activity



KEY BENEFITS & CHARACTERISTICS

> **Improves Coat Condition**

High linoleic acid (LA) content contributes to normal skin, reducing scale and helping to promote a shiny coat.<sup>(1)</sup>

> **High Protein & Sulphur Amino Acids**

High levels of animal protein meets the high requirements to restore skin integrity contributing to proper skin healing and hair regrowth.

> **DERMA Plus Complex**

High levels of balanced omega-6 and omega-3 (from fish and sunflower oils, linseed, borage seeds), plus vitamins A and E, can help to improve clinical signs of dermatosis and dermatitis.<sup>(1)</sup>

> **High Level of Essential Fatty Acids\***

Supplementation with both omega-6 and omega-3 can help to decrease inflammatory processes.<sup>(2)</sup>

> **Support Skin Barrier Effect**

High levels of animal protein and essential fatty acids help reinforce natural skin defences, a key factor in the management of dermatosis and dermatitis in the long term.

ADDITIONAL BENEFITS & CHARACTERISTICS

> **Modulates Inflammation**

Balanced omega-6 to omega-3 ratio can help to reduce clinical signs related to inflammation (redness, itching).

> **High Digestibility and Digestive Tolerance**

Addition of functional ingredients (clay, prebiotics, probiotics and fibres) helps maintain a healthy digestive tract to optimise the absorption of all the essential nutrients for skin and coat.

> **Withdrawal of Major Allergens**

The diet is formulated to exclude common food allergens such as: gluten, maize, wheat, soya, egg, fish and dairy products.

> **Immune Support**

High protein content and added vitamin E contributes towards a healthy immune system.

> **Suitable for all Life Stages**

The amounts of all essential nutrients fit the daily requirements of all dogs at all stages or physiological status (puppies, adult dogs, gestating or lactating bitches, and senior dogs).

VISIBLE RESULTS WITHIN 2 WEEKS<sup>(1)</sup>



9/9

ASSESSED PARAMETERS  
IMPROVED SIGNIFICANTLY  
WITHIN 2 WEEKS

93%

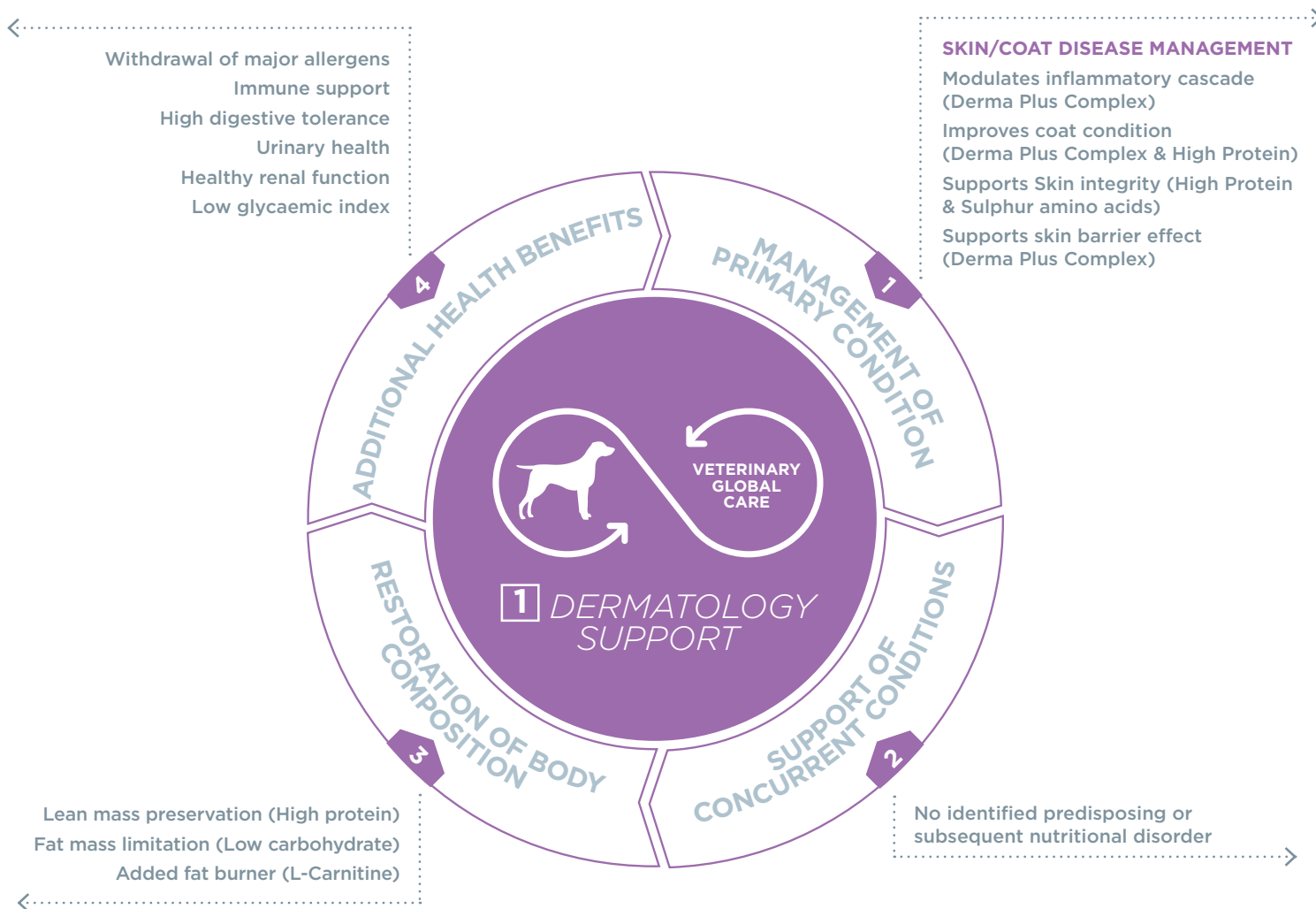
OF DOGS HAVE IMPROVED THEIR  
SKIN AND COAT CONDITION AT  
THE END OF THE STUDY

\* Commission regulation (eu) 2020/354

1) Leriche I., Navarro C., Fournel S., Nicolas C., Gely MO. Assessment of a new high protein - high fatty acid diet in dogs with chronic skin and coat disorders. SEVC Congress, Granada, Spain, 20-22 Oct 2016.

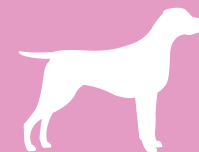
2) Reme CA., Loyd DH., Burrows A. et al. Anti-allergic shampoo and oral essential fatty acid combination therapy to relieve signs of atopic dermatitis in dogs: a blinded, prednisolone-controlled trial. Vet Derm 2005; 16: 352-361.





# ALLERGY

## SELECTING THE CORRECT PRODUCT



### CANINE SKIN AND COAT DISEASE

**SKIN DISEASE WITH NO EVIDENCE OR SUSPICION OF ADVERSE FOOD REACTION**

Medium / Long Term<sup>(3)</sup>  
**SKIN & COAT SUPPORT**

**1** DERMATOLOGY  
SUPPORT



**EVIDENCE OR HIGH SUSPICION OF ADVERSE FOOD REACTION**

**ELIMINATION TRIAL**  
6-8 weeks

**NO IMPROVEMENT**<sup>(1)</sup>

Further investigation  
advisable

**IMPROVEMENT**<sup>(1)</sup>

Food Intolerance/Allergy confirmed

Long Term<sup>(2)</sup>  
**FOOD ELIMINATION**

**2** **HYPOALLERGY**  
With hydrolysed fish protein



## REMEMBER!

- 94% OF DERMATOSES ARE UNRELATED TO ADVERSE FOOD REACTION<sup>(4)</sup>
- ALLERGIC SKIN DISEASE IS A MULTI-FACTORIAL CONDITION REQUIRING A MULTI-MODAL APPROACH

1) In the opinion of the veterinary surgeon

2) If signs of intolerance disappear, this food can be used indefinitely (Commission Regulation (EU) 2020/354)

3) Up to 2 months. It is recommended that a veterinary surgeon's opinion be sought before use. (Commission Regulation (EU) 2020/354)

4) Olivry T, Mueller RS. Critically appraised topic on adverse food reactions of companion animals (3): prevalence of cutaneous adverse food reactions in dogs and cats. BMC Vet Res. 2017;13:51.



**AVAILABLE SIZES**  
3 kg, 7 kg, 12 kg.

### CLINICAL INDICATIONS\*

- Reduction of ingredient and nutrient intolerance (with associated skin and/or digestive disorders).

### OTHER USE

- Food intolerance with concurrent digestive disorders (maldigestion/malabsorption, diarrhoea).
- Food intolerance with concurrent skin/coat disorders (redness/itching).

### CONTRAINDICATIONS

- Growth.
- Gestation & Lactation.
- Chronic Kidney disease.

\* Commission regulation (eu) 2020/354

### ANALYTICAL CONSTITUENTS

% as fed

• Moisture	9
• Protein	24
• Animal to vegetable protein ratio	100:0
• Fat	18
• Minerals	7
• Crude Fibre	4.5
• NFE*	37.5
• Starch	36
• Calcium	0.9
• Phosphorus	0.7
• Sodium	0.4
• Methionine + Cystine	1.2
• Omega-6 fatty acids	3
• Omega-3 fatty acids	0.5

### KEY NUTRIENT VALUES

• ME** calculated (kcal/100g)***	377
• ME** measured in vivo (kcal/100g)	384
• Protein digestibility (in vivo; %)	91
• Fat digestibility (in vivo; %)	97.5
• Energy from protein (%)	23
• Energy from fat (%)	42
• Energy from NFE (%)	35
• Protein to Calorie ratio (g/Mcal)	64

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

**CARBOHYDRATE (NFE) 37.5%**

**PROTEIN 24%**

**of ANIMAL ORIGIN 100%**

### COMPOSITION

Potato starch\*\*, Hydrolysed fish protein\* (26%), Animal fats, Minerals, Lignocellulose, Hydrolysed pork and poultry proteins\*, Beet pulp, Fructooligosaccharides, Brewers yeast, Mono di and tri glycerides of fatty acids, *Lactobacillus acidophilus*, Chondroitin sulfate.

\* protein sources

\*\* carbohydrate sources

### SPECIFIC INGREDIENTS/ADDITIVES

• Bentonite	5g/kg
• Pasteurised <i>Lactobacillus acidophilus</i>	7 mg/kg
• L-carnitine	330 mg/kg

### FEEDING GUIDELINES

Body Weight (kg)	Daily ration (g/day)		
	Overweight	Normal*	Underweight
3	70	85	95
5	100	120	135
8	135	165	180
10	155	190	210
15	205	250	275
20	245	305	335
25	285	355	390
30	320	400	440
40	390	455	535
60	510	635	700

The daily ration is based on the dog's CURRENT bodyweight, and must be adjusted every month.

Always provide fresh drinking water.

\*adult dog with optimal body weight and normal, physical activity



### KEY BENEFITS & CHARACTERISTICS

#### > Elimination Diet

Formula based on hydrolysed fish protein and potato starch allows management of most common food allergies.

#### > Purified Source of Carbohydrate (single source)

Potato starch is a purified source of starch, excluding the presence of protein.

#### > With Hydrolysed Fish Protein

Fish protein is extensively hydrolysed to achieve low molecular weight (mean MW of 1.85 kDa, 98% peptides below 10 kDa) ensuring food allergy management. Its high digestibility and biological value (amino acid profile) perfectly fit the daily requirements of dogs.

#### > High Digestive Tolerance

Includes a specific association of ingredients (clay, probiotics, prebiotics, selected fibres) to secure the digestive function, which can be compromised in allergic dogs (**efficacy proven by Virbac**)<sup>(1)</sup>.

#### > High Palatability

High levels of animal protein (fish) and animal fat guarantees high palatability for optimal compliance during an elimination food trial or in the long term (**efficacy proven by Virbac**)<sup>(1)</sup>.

### ADDITIONAL BENEFITS & CHARACTERISTICS

#### > Skin Integrity

Balanced omega-6 and omega-3 help reinforce natural skin defences and reduce the risk of other allergies.

#### > Coat Support

Adapted content in protein and essential fatty acids helps maintain a healthy coat.

#### > High Digestibility

High digestibility helps support dogs with concurrent compromised gastrointestinal function.

#### > Suitable for Adult and Senior dogs

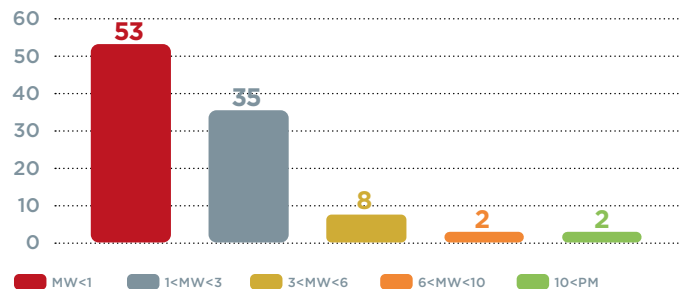
The amount of all essential nutrients fits the daily requirement of adult and senior dogs.

### EXCELLENT PALATABILITY<sup>(1)</sup>

**96%** OF DOGS ENJOYED  
THE TESTED DIET

**67%** PREFERRED THE DIET TO THEIR  
CURRENT (NON-HYDROLYSED) FOOD

Molecular weight profile (% of peptides)  
in the fish hydrolysate - kDa



\* Commission regulation (eu) 2020/354

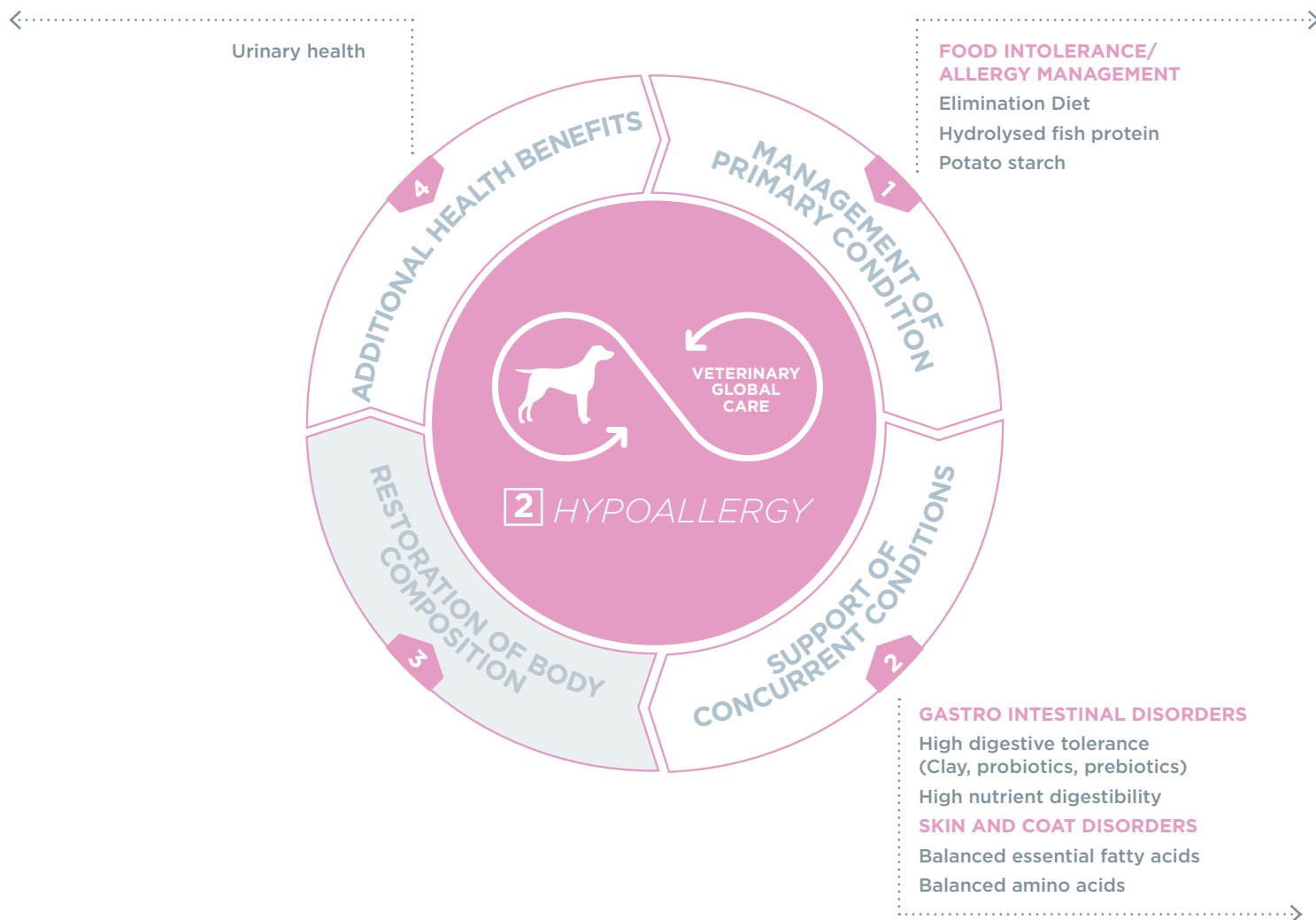
<sup>1)</sup> Leriche I, Ereau C, Claeysens V and Theron C. High palatability and digestive tolerance of a new salmon hydrolysed protein-based diet in dogs. SEVC, Sevilla, Spain, 7-9 Nov 2019.

# ALLERGY

2

## HYPOALLERGY FOOD INTOLERANCE

With hydrolysed fish protein



# KIDNEY

1

## KIDNEY SUPPORT

Renal Insufficiency



### AVAILABLE SIZES

3 kg, 12 kg.

### CLINICAL INDICATIONS\*

- Support of renal function in case of chronic renal insufficiency (or temporary).

### OTHER USE

- Chronic hepatic disorders.

### CONTRAINDICATIONS

- Growth.
- Gestation and lactation.

\* Commission regulation (eu) 2020/354

### ANALYTICAL CONSTITUENTS

% as fed

• Moisture	9
• Protein	20.5
• Animal to vegetable protein ratio	70:30
• Fat	22
• Minerals	5.5
• Crude Fibre	5.5
• NFE*	37.5
• Starch	30
• Calcium	0.8
• Phosphorus	0.4
• Sodium	0.3
• Potassium	0.8
• Omega-6 fatty acids	2.7
• Omega-3 fatty acids	1
• EPA+DHA	0.4

### KEY NUTRIENT VALUES

• ME** calculated (kcal/100g)***	391
• ME** measured in vivo (kcal/100g)	395
• Protein digestibility (in vivo; %)	84
• Fat digestibility (in vivo; %)	95.5
• Energy from protein (%)	18
• Energy from fat (%)	48
• Energy from NFE (%)	34
• Protein to Calorie ratio (g/Mcal)	52

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

LOW PHOSPHORUS

0.4%

RESTRICTED PROTEIN 20.5%

of ANIMAL ORIGIN 70%

### COMPOSITION

Rice, Dehydrated pork and poultry proteins<sup>(1)</sup>, Animal fats, Peas, Potato starch, Faba bean hulls, Minerals, Hydrolysed pork and poultry proteins<sup>(1)</sup>, Lignocellulose, Linseed, Beet pulp, Fish oil, Fructo-oligosaccharides, Brewers yeast, Hydrolysed crustacean (source of chitosan), *Lactobacillus acidophilus*, Chondroitin sulphate.

1) Protein sources

### SPECIFIC INGREDIENTS/ADDITIVES

• Bentonite	5g/kg
• Pasteurised <i>Lactobacillus acidophilus</i>	7 mg/kg
• L-carnitine	330 mg/kg
• Chitosan	800 mg/kg
• Calcium carbonate	1%
• Vitamin E	570 mg/kg

### FEEDING GUIDELINES



Body Weight (kg)	Daily ration (g/day)		
	Overweight	Normal*	Underweight
5	75	85	100
8	100	115	140
10	120	135	160
15	155	175	210
20	190	210	255
25	220	245	295
30	245	280	335
40	300	335	405
60	390	440	530

The daily ration is based on the dog's CURRENT body-weight, and must be adjusted every month. Always provide a generous supply of fresh drinking water.

\*senior dog with optimal body weight and normal physical activity



NUTRITION  
FOR  
CARNIVORES



VETERINARY  
GLOBAL  
CARE



#### KEY BENEFITS & CHARACTERISTICS

##### > Low Phosphorus\*

Low dietary phosphorus helps slow down the development of renal disease and minimise the risk of secondary hyperparathyroidism.

##### > Adapted Protein Level\*

Restricted level and the use of high quality protein helps reduce the production of uraemic toxins while maintaining body condition.

##### > Phosphorus Binding

Addition of Phosphorus binders (chitosan and calcium carbonate) helps reduce the phosphorus bioavailability.

##### > High Energy Density & Palatability

High energy density helps deliver small and concentrated daily rations, and palatability helps maintain sufficient daily food intake.<sup>(1)</sup>

##### > High EPA+DHA (omega-3)

High level of omega-3, especially EPA + DHA, helps modulate inflammatory processes.

#### ADDITIONAL BENEFITS & CHARACTERISTICS

##### > Increases Antioxidant Activity

High level of vitamin E helps promote antioxidant activity.

##### > Limits the risk of Metabolic Acidosis

Addition of alkalisng agents (calcium carbonate) helps limit the risk of metabolic acidosis.

##### > Limits the risk of Hyperparathyroidism

An adjusted calcium to phosphorus ratio to help reduce the risk of hyperphosphataemia and limit the risk of hyperparathyroidism.

##### > Limits the risk of Hypokalaemia

Increased dietary potassium content helps compensate for urinary losses and limit the risk of hypokalaemia.

##### > Limits the risk of Lower Urinary Tract Disease

Adjusted RSS\*\* for struvite and oxalate helps maintain urinary health.

\*\*RSS: Relative Super Saturation index

##### > Suitable for Adult and Senior dogs

The essential nutrients fit the daily requirement of adult and senior dogs.

#### EXCELLENT PALATABILITY



**PROVEN HIGHER PALATABILITY AT D14  
COMPARED TO MAIN COMPETITORS <sup>(1)</sup>**

**NEED ADDITIONAL  
RENAL SUPPORT?  
CONSIDER PRONEFRA®**



\* Commission regulation (eu) 2020/354

(1) Alexandra Brugué, Isabelle Leriche, Sandrine Fournel, Christelle Navarro, Gwendoline Chaix. Comparative assessment of the palatability of a new renal diet in fussy Dog eaters. Voorjadsagen, 2017

# KIDNEY

1

## KIDNEY SUPPORT

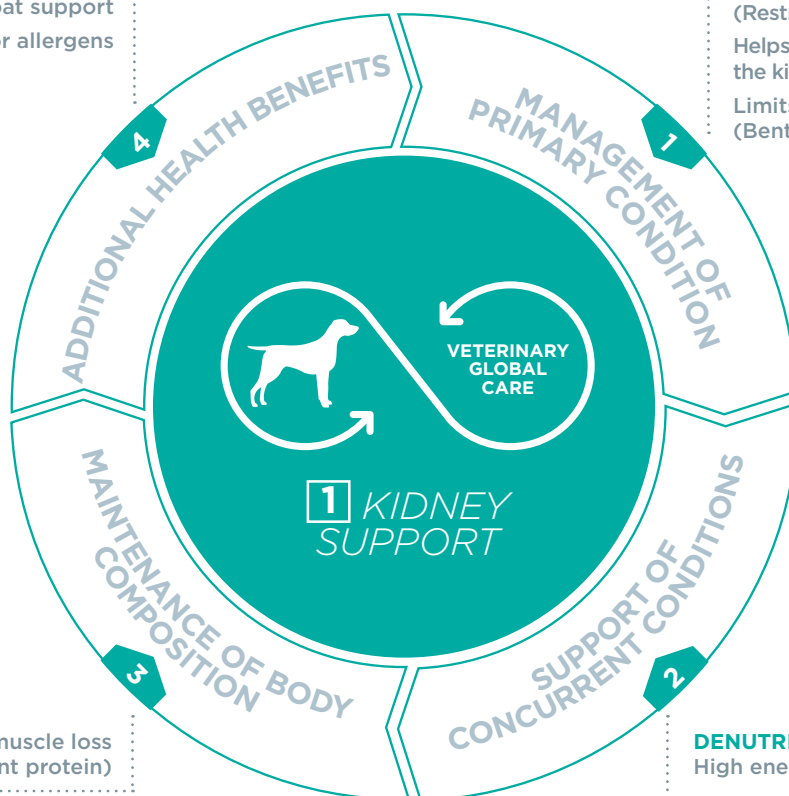
Renal Insufficiency



### CHRONIC KIDNEY DISEASE MANAGEMENT

Low phosphorus  
Added phosphorus binders (Chitosan & Calcium carbonate)  
Reduces uraemic toxins (Restricted protein of high quality)  
Helps modulate inflammatory processes in the kidney (High EPA + DHA, Vitamin E)  
Limits the risk of digestive ulcerations (Bentonite)

High digestive tolerance  
Urinary health  
Coat support  
Withdrawal of major allergens



Limits muscle loss (Restricted, but sufficient protein)

### DENUTRITION MANAGEMENT

High energy & Palatability

### HELPS LIMIT THE RISK OF:

Secondary hyperparathyroidism  
Metabolic acidosis  
Hypokalaemia  
Lower urinary tract disorders



NUTRITION  
FOR  
CARNIVORES

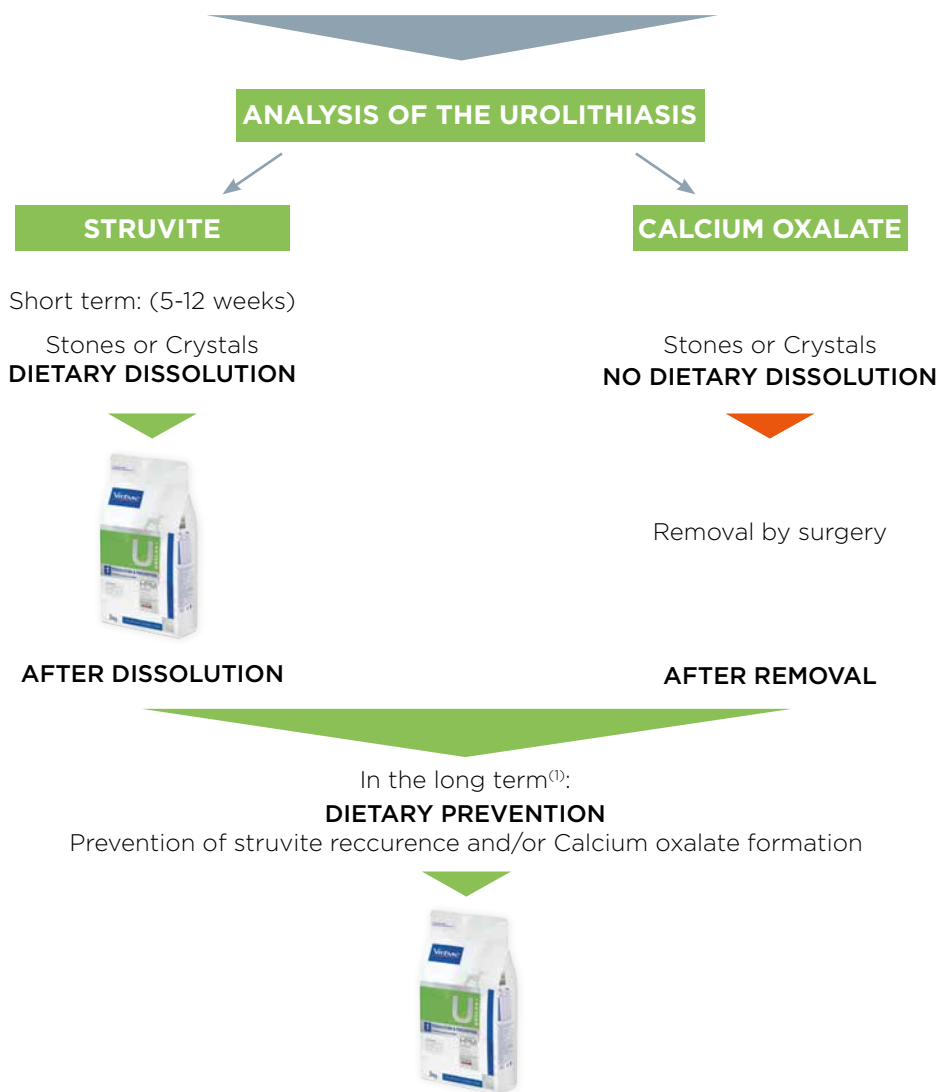


VETERINARY  
GLOBAL  
CARE





### DOGS SUFFERING FROM STRUVITE OR CALCIUM OXALATE UROLITHIASIS



<sup>1)</sup> A veterinarian's opinion should be sought before use.



### AVAILABLE SIZES

3 kg, 12 kg.

### CLINICAL INDICATIONS\*

- Dissolution of struvite stones.
- Reduction of struvite stone recurrence.
- Reduction of oxalate stones formation.

### CONTRAINDICATIONS

- Growth.
- Gestation and lactation.
- Chronic kidney disease (CKD).
- Cardiac insufficiency.

\* Commission regulation (eu) 2020/354

### ANALYTICAL CONSTITUENTS

% as fed

• Moisture	9
• Protein	34
• Animal to vegetable protein ratio	85:15
• Fat	17.5
• Minerals	7
• Crude Fibre	5
• NFE*	27.5
• Starch	22
• Calcium	0.8
• Phosphorus	0.6
• Sodium	0.9
• Potassium	0.7
• Magnesium	0.08
• Chloride	1.4
• Sulphur	0.7
• Methionine + Cystine	1.4
• Omega-6 fatty acids	2.2
• Omega-3 fatty acids	1
• EPA+DHA	0.4

### KEY NUTRIENT VALUES

• ME** calculated (kcal/100g)***	374
• ME** measured in vivo (kcal/100g)	377
• Protein digestibility (in vivo; %)	88
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• Energy from NFE (%)	26
• Protein to Calorie ratio (g/Mcal)	91

\* Nitrogen Free Extract

\*\* Metabolisable energy

\*\*\* Calculated with NRC 2006

### COMPOSITION

Dehydrated pork and poultry proteins<sup>(1)</sup>, Rice, Animal fats, Peas, Hydrolysed pork and poultry proteins<sup>(1)</sup>, Minerals, Potato starch, Lignocellulose, Faba bean hulls, Beet pulp, Linseed, Fish oil, Psyllium fibre (*Plantago (L.) spp.*), Fructo-oligosaccharides, Brewers yeast, *Lactobacillus acidophilus*, Chondroitin sulphate.

1) Protein sources

### SPECIFIC INGREDIENTS/ADDITIVES

• Bentonite	5g/kg
• Pasteurised <i>Lactobacillus acidophilus</i>	7 mg/kg
• L-carnitine	330 mg/kg
• Potassium Citrate	0.3%

### FEEDING GUIDELINES

Body Weight (kg)	Daily ration (g/day)		
	Overweight	Normal*	Underweight
5	90	110	120
8	120	150	165
10	140	175	190
15	185	230	250
20	220	275	305
25	255	320	355
30	290	365	400
40	350	440	485
60	460	575	635

The daily ration is based on the dog's CURRENT bodyweight, and must be adjusted every month. It is normal to notice an important increase in water intake and urine volume.

LOW CARBOHYDRATE (NFE) **27.5%**

HIGH PROTEIN **34%**

of ANIMAL ORIGIN **85%**

\*adult dog with optimal body weight and normal physical activity



### KEY BENEFITS & CHARACTERISTICS

#### > Increases Water Intake

High levels of protein stimulate water intake, increase urine volume and micturition frequency.<sup>(1)</sup>

#### > Low Struvite RSS\* <1

The formulation induces urine under-saturated for struvites, with struvite RSS\*\* < 1, to promote dissolution of existing struvite stones/crystals and prevent recurrence.

\*\*RSS: *Relative Super Saturation index*

#### > Optimises Urinary pH\*

Urinary pH between 6.0 - 6.5 to prevent both struvite and oxalate crystal formation.

#### > High EPA+DHA (omega-3)

Addition of fish oil achieves a high amount of omega-3, especially EPA+DHA, which can help to limit lower urinary tract inflammation.

#### > Low Calcium & Phosphorus\*

Low levels of calcium and phosphorus limit their urinary excretion and the risk of struvite and oxalate formation.

### ADDITIONAL BENEFITS & CHARACTERISTICS

#### > Addition of Oxalate Inhibitor

Added Potassium citrate, a specific inhibitor, helps limit the formation of calcium oxalate crystals.

#### > Oxalate RSS <12\*

The formulation induces urine metastable for calcium oxalates, with oxalate RSS <12.

#### > High Palatability

High levels of animal protein guarantees high palatability and ensures maximum compliance in the long term.

#### > Suitable for Adult and Senior dogs

The essential nutrients fit the daily requirement of adult and senior dogs.



**41%** OF STRUVITE STONE  
DISSOLVED WITHIN 5 DAYS  
IN AN *IN-VITRO* TRIAL<sup>(1)</sup>

\* Commission Directive 2020/354

1) Leriche I, Kroger S and Zentek J. Comparison of the effects of four diets on urinary parameters in dogs and in vitro struvite dissolution. SEVC Congress, Madrid, Spain, 18-20 Oct 2018.



High digestive tolerance  
Low glycaemic index  
Skin and Coat support  
Immune support  
Healthy renal function  
Withdrawal of major allergens

#### DISSOLUTION OF STRUVITE STONES / REDUCTION OF STRUVITE & OXALATE FORMATION

Stimulates water intake and increases  
urine volume

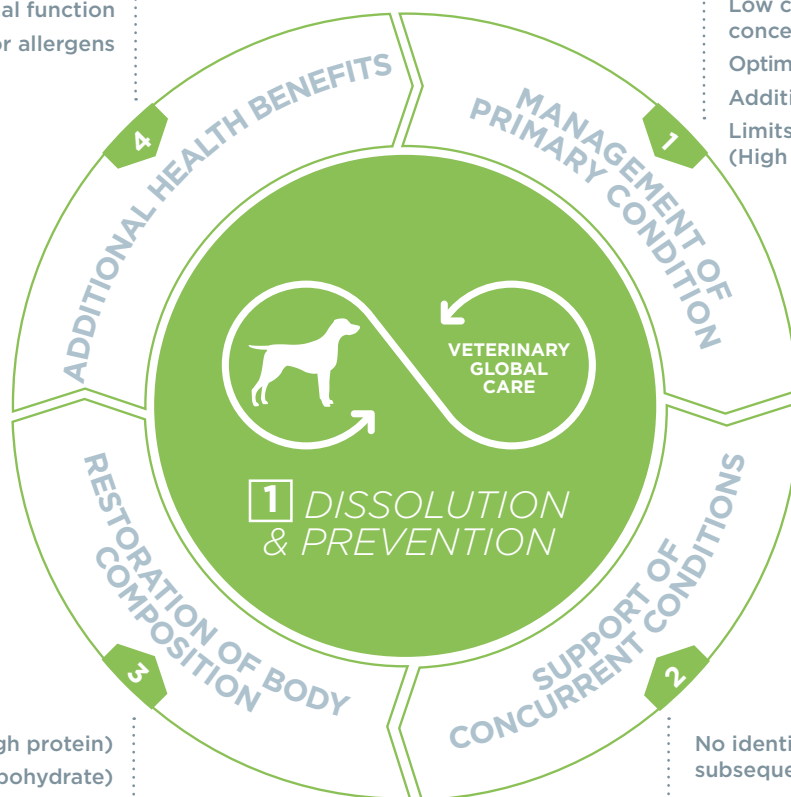
Achieves low Struvite RSS <1 and Oxalate  
RSS <12

Low calcium, phosphorus, magnesium  
concentration

Optimises urine acidification (pH 6.0 – 6.5)

Addition of Calcium Oxalate inhibitor

Limits lower urinary tract inflammation  
(High EPA+DHA)



Lean mass preservation (High protein)  
Fat mass limitation (Low carbohydrate)  
Added fat burner (L-Carnitine)

No identified predisposing or  
subsequent nutritional disorder



We're here to help!

**Question?** Call the Virbac technical team on **01359 243 243**

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**Shaping** the future  
of **animal health**

