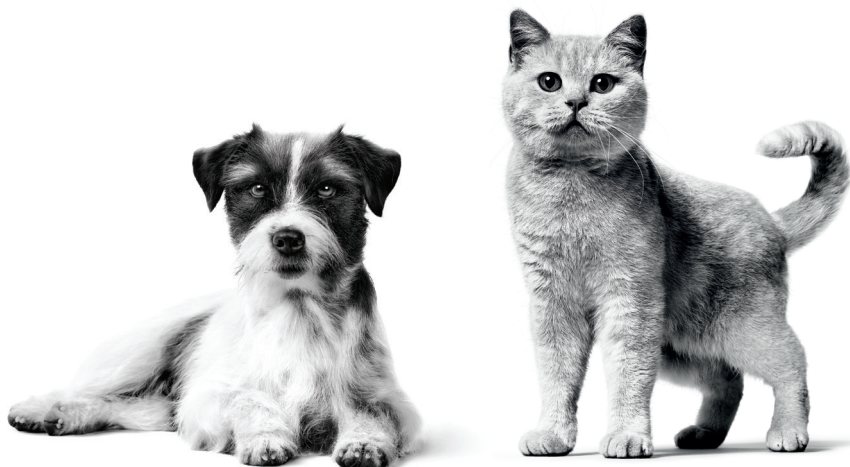




# MULTIFUNCTION

## PRODUCT BOOK SUPPLEMENT



## MULTIFUNCTION



MULTIFUNCTION  
**RENAL** |  
**HYPOALLERGENIC**

**S/O-AFR**

URINARY + HYPOALLERGENIC

**S/O-Kcal Control**

URINARY + SATIETY

**S/O-Biopeptide**

URINARY + CALM



MULTIFUNCTION  
**RENAL** |  
**HYPOALLERGENIC**

**S/O-AFR**

URINARY + HYPOALLERGENIC

**S/O-Kcal Control**

URINARY + SATIETY

**S/O-Biopeptide**

URINARY + CALM

MULTIFUNCTION  
**MOBILITY C2P+** |  
**SATIETY**

MULTIFUNCTION  
**RENAL** |  
**MOBILITY C2P+**

This resource has been produced with the greatest care and incorporates the most up-to-date scientific information and research findings. We recommend that you refer to our packaging as the primary reference for product information as this can change with time. Bearing in mind the diversity and complexity of clinical cases in dogs and cats, it is important to note that the suggestions in this resource for further tests and therapeutic options cannot be exhaustive. Under no circumstances should the treatments and dietary solutions suggested here replace examination by a veterinary surgeon.

The publishers and the authors will accept no responsibility for the failure of any of the treatments or nutritional solutions put forward in this resource. Not for use in Canada and in USA.

While the information is considered to be true and correct at the date of publication (**September 2020**), changes in circumstances after the time of publication may impact on the accuracy of the information.

MULTIFUNCTION  
**RENAL** HYPOALLERGENIC



Available in  
2kg bag

RECOMMENDED DAILY INTAKE & FEEDING DURATION

ADULT CAT	CAT'S WEIGHT (kg)	BODY CONDITION					
		THIN		NORMAL		OVERWEIGHT	
		grams	cups	grams	cups	grams	cups
2	37	3/8	31	2/8	25	2/8	
2.5	43	3/8	36	3/8	29	2/8	
3	50	4/8	41	3/8	33	3/8	
3.5	55	4/8	46	4/8	37	3/8	
4	61	5/8	51	4/8	41	3/8	
4.5	66	5/8	55	4/8	44	3/8	
5	71	6/8	59	5/8	47	4/8	
5.5	76	6/8	64	5/8	51	4/8	
6	81	6/8	68	5/8	54	4/8	
6.5	86	7/8	72	6/8	57	5/8	
7	90	7/8	75	6/8	60	5/8	
7.5	95	1	79	6/8	63	5/8	
8	99	1	83	7/8	66	5/8	
8.5	104	1	87	7/8	69	5/8	
9	108	1 + 1/8	90	7/8	72	6/8	
9.5	112	1 + 1/8	94	7/8	75	6/8	
10	117	1 + 1/8	97	1	78	6/8	

\*For nutritional management of cats with Chronic Kidney Disease (stage 2-4) and Adverse Food Reaction. Initially feed the diet for 3-8 weeks and re-evaluate based on clinical assessment of the response. When a food allergy or a food intolerance is suspected, the cat's diet should be changed following classical food transition. Renal + Hypoallergenic can be fed for the cat's lifetime. It is recommended to divide the daily intake into 2 meals.

RECOMMENDED FOR CASES OF

Renal disease

- Azotaemic Chronic Kidney Disease (IRIS stage 2\* to stage 4)
- Chronic Kidney Disease with proteinuria (IRIS stage 1 to 4)

+ Dermatological/GI conditions:

- Food elimination trial
- Food allergies
- Food intolerance
- Inflammatory Bowel Disease (IBD)
- Chronic diarrhoea
- Exocrine Pancreatic Insufficiency (EPI)
- Small Intestinal Bacterial Overgrowth (SIBO)

NOT RECOMMENDED IN CASE OF

- Growth, gestation/lactation



RENAL SUPPORT

Formulated with low phosphorus and moderate protein of high quality to support renal function.



ADAPTED ENERGY

Adapted energy content to reduce meal volume and help support a reduced appetite.



HYDROLYSED PROTEIN

Hydrolysed soya protein isolate with a low molecular weight for very low allergenicity.



SKIN BARRIER

A specially formulated complex of nutrients to support the skin's natural protective barrier role and for optimal skin health.

KEY VALUES	Per 1000 kcal	Per 100g as fed
Moisture	13.41g	5.50g
Protein	63.38g	26.00g
Fat content	48.76g	20.00g
Crude fibre	10.00g	4.10g
Crude ash	13.90g	5.70g
Carbohydrate (NFE)	94.34g	38.70g
Dietary fibre	23.16g	9.50g
Omega 6	12.87g	5.28g
Omega 3	2.63g	1.08g
EPA + DHA	0.98g	0.40g
Calcium	1.46g	0.60g
Phosphorus	0.98g	0.40g
Sodium	0.85g	0.35g
Potassium	2.19g	0.90g
Magnesium	0.10g	0.04g
Copper	3.66mg	1.50mg
Zinc	41.44mg	17.00mg
Vitamin A	9019.99 IU	3700 IU
Vitamin E	158.46 IU	65 IU

Metabolisable energy\*\* 410.20 kcal

\*\*Calculated according to NRC2006 CF. Essential fatty acids 5%.

COMPOSITION

Rice, hydrolysed soya protein concentrate\*\*\*, animal fats, chicory pulp, hydrolysed poultry liver, vegetable fibres, minerals, soya oil, fish oil, fructo-oligo-saccharides, borage oil, marigold extract (source of lutein). Carbohydrate source: rice. Protein sources: hydrolysed soya protein isolate, hydrolysed poultry liver.

\*\*\* L.I.P.: protein selected for its very high digestibility.

ADDITIVES (KG)\*\*\*\*

Nutritional additives: Vitamin A: 34 000 IU, Vitamin D3: 800 IU, Iron (3b103): 39mg, Iodine (3b201, 3b202): 3.5mg, Copper (3b405, 3b406): 15mg, Manganese (3b502, 3b504): 52mg, Zinc (3b603, 3b605, 3b606): 152mg, Selenium (3b801, 3b811, 3b812): 0.24mg - Technological additives: Clinoptilolite of sedimentary origin: 5g - Preservatives - Antioxidants.

\*\*\*\* Values reflect only levels added to the formula, not those naturally occurring in components of the diet.



S/O-AFR

URINARY



HYPOALLERGENIC



Available in  
2kg bags

RECOMMENDED DAILY INTAKE & FEEDING DURATION

ADULT CAT	CAT'S WEIGHT (kg)	BODY CONDITION					
		THIN		NORMAL		OVERWEIGHT	
		grams	cups	grams	cups	grams	cups
2	40	3/8	34	3/8			
3	54	4/8	45	4/8			
4	66	5/8	55	4/8	44	4/8	
5	78	6/8	65	5/8	52	4/8	
6	88	7/8	74	6/8	59	5/8	
7	99	1	82	7/8	66	5/8	
8	108	1 + 1/8	90	7/8	72	6/8	
9	118	1 + 2/8	98	1	79	6/8	
10	127	1 + 2/8	106	1 + 1/8	85	7/8	

For nutritional management of cats with struvite urolithiasis and Adverse Food Reaction: feed the diet for 5-12 weeks and re-evaluate based on clinical assessment of the response. To avoid recurrence of struvite uroliths, the diet should be fed for a further 6 months minimum followed by urinalysis. S/O-AFR Feline can be maintained for the cat's lifetime. It is recommended to divide the daily intake into 2 meals.



This product creates a urinary environment unfavourable to the formation of struvite and calcium oxalate stones.

RECOMMENDED FOR CASES OF

Feline lower urinary tract disease: • Dissolution of struvite uroliths • Management of recurrent struvite and calcium oxalate urolithiasis. In older cats, renal function should be checked before S/O-AFR Feline is recommended.

+

Dermatological/GI conditions: Food elimination trial • Food allergies • Food intolerance • Inflammatory Bowel Disease (IBD) • Chronic diarrhoea • Exocrine Pancreatic Insufficiency (EPI) • Small Intestinal Bacterial overgrowth (SIBO)

NOT RECOMMENDED IN CASE OF

- Pregnancy, lactation, growth • Chronic Kidney Disease
- Heart disease (where sodium restriction is required)
- Concurrent use of urine-acidifying drugs



URINE DILUTION

Diluting urine decreases the urinary concentration of struvite and calcium oxalate crystals. Greater urinary volumes also ensure regular bladder wash out.



LOW RSS

Low RSS (Relative Super-saturation) diets encourage an undersaturated urinary environment, unfavourable to the development of struvite and calcium oxalate crystals.



HYDROLYSED PROTEIN

Hydrolysed soya protein isolate with a low molecular weight for very low allergenicity.



SKIN BARRIER

A specially formulated complex of nutrients to support the skin's natural protective barrier role and for optimal skin health.

KEY VALUES	Per 100g as fed
Protein	27g
Fat content	16g
Carbohydrate	32.8g
NFE	37.3g
Dietary fibre	9.8g
Crude fibre	5.3g
Omega 6	4.39mg
Omega 3	0.39mg
EPA+DHA	0.32g
Calcium	0.71g
Phosphorus	0.7g
Sodium	1.3g
Potassium	0.8mg
Vitamin D3	70IU

Metabolisable energy\* 376.6kcal

\*Calculated according to NRC2006.

COMPOSITION

Rice, hydrolysed soya protein isolate, animal fats, vegetable fibres, minerals, hydrolysed poultry liver, chicory pulp, soya oil, fish oil, fructo-oligo-saccharides, borage oil.

ADDITIVES (KG)\*\*\*

Nutritional additives: Vitamin A: 28500IU, Vitamin D3: 800IU, E1 (Iron): 43mg, E2 (Iodine): 3.9mg, E4 (Copper): 15mg, E5 (Manganese): 57mg, E6 (Zinc): 205mg, E8 (Selenium): 0.25mg - Technological additives: Clinoptilolite of sedimentary origin: 10g. Preservatives - Antioxidants.

\*\*\* Values reflect only levels added to the formula, not those naturally occurring in components of the diet.



# S/O-Kcal Control

URINARY + SATIETY



Available in  
1.5 and 3.5kg bags

## RECOMMENDED DAILY INTAKE & FEEDING DURATION

	TARGET BODY WEIGHT OF CAT	START		AFTER 4 WEEKS WITH NO WEIGHT LOSS	
		grams	cups	grams	cups
ADULT CAT	2	28	3/8	23	2/8
	2.5	33	3/8	26	3/8
	3	38	4/8	30	3/8
	3.5	42	4/8	34	3/8
	4	47	5/8	37	4/8
	4.5	51	5/8	40	4/8
	5	55	5/8	43	4/8
	5.5	58	6/8	46	5/8
	6	62	6/8	49	5/8
	6.5	66	6/8	52	5/8
7	69	7/8	55	5/8	
7.5	73	7/8	58	6/8	
8	76	7/8	60	6/8	
8.5	80	1	63	6/8	
9	83	1	66	6/8	
9.5	86	1	68	7/8	
10	89	1 1/8	71	7/8	

For nutritional management of cats with struvite urolithiasis and excessive bodyweight: feed the diet for 5-12 weeks and re-evaluate based on clinical assessment of the response. To avoid recurrence of struvite uroliths, the diet should be fed for a further 6 months minimum followed by urinalysis. For detailed guidance on weight reduction please see product information for Satiety Feline. S/O-Kcal Control Feline can be maintained for the cat's lifetime. It is recommended to divide the daily intake into 2 meals.

**RECOMMENDATIONS:** Target Weight should be determined according to Body Condition Score of the individual. The optimal weight loss rate is 0.5-2% bodyweight weekly. Maintenance Ration: It is recommended to continue feeding the weight-loss diet once target weight is achieved. Energy intakes should be increased by 10% and Body Condition Score and weight monitored closely throughout the stabilisation period. Should the cat regain more than 5% of body weight, the daily ration should be decreased to weight loss levels. It is recommended to divide the daily intake into 2 meals.

## RECOMMENDED FOR CASES OF

**Feline lower urinary tract disease:** • Dissolution of struvite uroliths • Management of recurrent struvite and calcium oxalate urolithiasis. **In older cats**, renal function should be checked before S/O-Kcal Control Feline is recommended.

**Weight management:** Obesity • Diabetes mellitus associated with obesity

## NOT RECOMMENDED IN CASE OF

Pregnancy, lactation, growth • Chronic diseases requiring an increased energy intake • Chronic Kidney Disease  
• Heart disease (where sodium restriction is required)  
• Concurrent use of urine-acidifying drugs • Conditions where high fibre content is not recommended



### URINE DILUTION

Urine dilution makes the urine less liable to form struvite and calcium oxalate stones.



### LOW RSS

Helps lower the concentration of ions contributing to struvite and calcium oxalate crystal formation.



### SATIETOGENIC EFFECT

Contains a special blend of fibres which have a satiating effect on cats.



### HIGH PROTEIN

A high protein content (111 g/1000 kcat ME) helps maintain muscle mass throughout the weight loss period.

KEY VALUES	Per 100g as fed
Protein	34g
Fat content	9g
Carbohydrate	18.4g
NFE	27.9g
Dietary fibre	23.5g
Crude fibre	14g
Omega 6	1.89mg
Omega 3	0.37mg
Epa+DHA+DHA	0.14g
Calcium	1.26g
Phosphorus	1.15g
Sodium	1.1g
L-Carnitine	20mg
Chondroitin sulphate + Glucosamine	50mg

Metabolisable energy\* 304.6 Kcal

\*Calculated according to NRC2006.

## COMPOSITION

Dehydrated poultry protein, vegetable fibres, tapioca, wheat gluten\*\*, maize gluten, wheat flour, hydrolysed animal proteins, minerals, animal fats, chicory pulp, fish oil, psyllium husks and seeds, hydrolysed crustaceans (source of glucosamine), hydrolysed cartilage (source of chondroitin).

## ADDITIVES (KG)\*\*

Nutritional additives: Vitamin A: 23800IU, Vitamin D3: 900IU, E1 (Iron): 29mg, E2 (Iodine): 2.9mg, E4 (Copper): 9mg, E5 (Manganese): 37mg, E6 (Zinc): 112mg, E8 (Selenium): 0.04mg  
Preservatives - Antioxidants.

\*\*Values reflect only levels added to the formula, not those naturally occurring in components of the diet.

# S/O-Biopeptide

URINARY + CALM



Available in  
2 and 4kg bags

## RECOMMENDED DAILY INTAKE & FEEDING DURATION

	TARGET BODY WEIGHT OF CAT	NORMAL		OVERWEIGHT	
		grams	cups	grams	cups
ADULT CAT	2	36	3/8		
	3	48	4/8		
	4	58	5/8	47	4/8
	5	68	5/8	55	4/8
	6	78	6/8	62	5/8
	7	87	7/8	69	5/8
	8	95	7/8	76	6/8
	9	104	1	83	7/8
	10	112	1 1/8	89	7/8

For nutritional management of cats with struvite urolithiasis: feed the diet for 5-12 weeks and re-evaluate based on clinical assessment of the response. To avoid recurrence of struvite uroliths, the diet should be fed for a further 6 months minimum followed by urinalysis. It is recommended to divide the daily intake into 2 meals.

**[S/O® INDEX]** This product creates a urinary environment unfavourable to the formation of struvite and calcium oxalate stones.

## RECOMMENDED FOR CASES OF

**Feline lower urinary tract disease:** • Management of risk factors: tendency to be overweight • Insufficient water intake and exposure to increased environmental challenges • Dissolution of struvite uroliths • Management of recurrent struvite and calcium oxalate urolithiasis. **In older cats**, renal function should be checked before S/O-Biopeptide Feline is recommended.

**Weight management:** Obesity • Diabetes mellitus associated with obesity • Hyperlipidaemia associated with obesity

## NOT RECOMMENDED IN CASE OF

Pregnancy, lactation, growth • Chronic Kidney Disease  
• Heart disease (where sodium restriction is required)  
• Concurrent use of urine-acidifying drugs



### URINE DILUTION

Urine dilution makes the urine less liable to form struvite and calcium oxalate stones.



### STRUVITE DISSOLUTION

Helps dissolve struvite stones.



### CALMING SUPPORT

Contains hydrolysed casein (milk protein) and L-tryptophan to help manage exposure to increased environmental challenges.



### MODERATE CALORIE

Moderate calorie content to help maintain ideal weight. Overweight is a risk factor for FLUTD.

KEY VALUES	Per 100g as fed
Protein	34g
Fat content	11g
Carbohydrate	27.4g
NFE	34.8g
Dietary fibre	13g
Crude fibre	5.6g
Omega 6	2.25mg
Omega 3	1.18mg
EPA+DHA	0.67g
Calcium	1.08g
Phosphorus	0.98g
Sodium	1.15g
L-Tryptophan	0.4mg
Hydrolysed milk protein	94mg

Metabolisable energy\* 356.5Kcal

\*Calculated according to NRC2006.

## COMPOSITION

Dehydrated poultry protein, rice, wheat gluten\*, maize, wheat, vegetable fibres, hydrolysed animal proteins, maize gluten, minerals, chicory pulp, fish oil, animal fats, fructo-oligo-saccharides, psyllium husks and seeds, soya oil, hydrolysed milk protein\*\*, marigold extract (source of lutein).

## ADDITIVES (KG)\*\*

Nutritional additives: Vitamin A: 28100IU, Vitamin D3: 800IU, E1 (Iron): 34mg, E2 (Iodine): 3.4mg, E4 (Copper): 10mg, E5 (Manganese): 44mg, E6 (Zinc): 131mg, E8 (Selenium): 0.07mg  
Preservatives - Antioxidants.

\*\*Values reflect only levels added to the formula, not those naturally occurring in components of the diet.



# MULTIFUNCTION

## RENAL + HYPOALLERGENIC



Available in  
4 and 10kg bag

### RECOMMENDED DAILY INTAKE & FEEDING DURATION

ADULT DOG	DOG'S WEIGHT (kg)	BODY CONDITION					
		THIN		NORMAL		OVERWEIGHT	
		grams	cups	grams	cups	grams	cups
	2	52	4/8	46	4/8	40	3/8
	4	88	7/8	77	6/8	67	6/8
	6	119	1 + 2/8	105	1 + 1/8	91	1
	8	148	1 + 4/8	130	1 + 3/8	112	1 + 1/8
	10	175	1 + 7/8	154	1 + 5/8	133	1 + 3/8
	15	237	2 + 4/8	208	2 + 1/8	180	1 + 7/8
	20	294	3 + 1/8	259	2 + 6/8	223	2 + 3/8
	25	347	3 + 5/8	306	3 + 2/8	264	2 + 6/8
	30	398	4 + 1/8	350	3 + 5/8	303	3 + 1/8
	35	447	4 + 5/8	393	4 + 1/8	340	3 + 4/8
	40	494	5 + 1/8	435	4 + 4/8	376	3 + 7/8
	45	540	5 + 5/8	475	5	410	4 + 2/8
	50	584	6 + 1/8	514	5 + 3/8	444	4 + 5/8
	55	628	6 + 4/8	552	5 + 6/8	477	5
	60	670	7	589	6 + 1/8	509	5 + 2/8
	70	752	7 + 7/8	662	6 + 7/8	571	6
	80	831	8 + 5/8	731	7 + 5/8	632	6 + 5/8

\*For nutritional management of dogs with Chronic Kidney Disease (stage 2-4) and Adverse Food Reaction. Initially feed the diet for 3-8 weeks and re-evaluate based on clinical assessment of the response. When a food allergy or a food intolerance is suspected, the dog's diet should be changed following classical food transition. Renal + Hypoallergenic can be fed for the dog's lifetime. It is recommended to divide the daily intake into 2 meals.

### RECOMMENDED FOR CASES OF

#### Renal disease

- Azotaemic Chronic Kidney Disease (IRIS stage 2\* to stage 4)
- Chronic Kidney Disease with proteinuria (IRIS stage 1 to 4)

+

#### Dermatological/GI conditions:

- Food elimination trial
- Food allergies
- Food intolerance
- Inflammatory Bowel Disease (IBD)
- Chronic diarrhoea
- Exocrine Pancreatic Insufficiency (EPI)
- Small Intestinal Bacterial Overgrowth (SIBO)

#### NOT RECOMMENDED IN CASE OF

- Pancreatitis
- Growth, gestation/lactation



#### RENAL SUPPORT

Formulated with low phosphorus and moderate protein of high quality to support renal function.



#### ADAPTED ENERGY

Adapted energy content to reduce meal volume and help support a reduced appetite.



#### HYDROLYSED PROTEIN

Hydrolysed soya protein isolate with a low molecular weight for very low allergenicity.



#### SKIN BARRIER

A specially formulated complex of nutrients to support the skin's natural protective barrier role and for optimal skin health.

KEY VALUES	Per 1000 kcal	Per 100g as fed
Moisture	23.61g	9.50g
Protein	34.80g	14.00g
Fat content	47.23g	19.00g
Crude fibre	5.97g	2.40g
Crude ash	10.44g	4.20g
Carbohydrate (NFE)	127.02g	51.10g
Dietary fibre	16.90g	6.80g
Omega 6	10.56g	4.25g
Omega 3	2.61g	1.05g
EPA + DHA	1.24g	0.50g
Calcium	0.75g	0.30g
Phosphorus	0.37g	0.15g
Sodium	0.87g	0.35g
Magnesium	0.15g	0.06g
Copper	3.73mg	1.50mg
Zinc	42.51mg	17.10mg
Vitamin A	8948.55 IU	3600.00 IU
Vitamin E	169.03 IU	68.00 IU

Metabolisable energy\*\*

\*\*Calculated according to NRC2006 CF. Essential fatty acids 4%.

402.30 kcal

#### COMPOSITION

Rice, animal fats, soya protein isolate\*\*\*, chicory pulp, soya oil, vegetable fibres, fish oil, minerals, fructo-oligosaccharides, butyric acid salt, borage oil, marigold extract (source of lutein). Carbohydrate source: rice. Protein source: soya protein isolate.

\*\*\*L.I.P.: protein selected for its very high digestibility.

#### ADDITIVES (KG)\*\*\*\*

Nutritional additives: Vitamin A: 36 000 IU, Vitamin D3: 800 IU, Iron (3b103): 4.1mg, Iodine (3b201, 3b202): 3.7mg, Copper (3b405, 3b406): 15mg, Manganese (3b502, 3b504): 54mg, Zinc (3b603, 3b605, 3b606): 159mg, Selenium (3b801, 3b811, 3b812): 0.26mg - Technological additives: Clinoptilolite of sedimentary origin: 10g - Preservatives - Antioxidants.

\*\*\*\*Values reflect only levels added to the formula, not those naturally occurring in components of the diet.



# S/O-AFR

URINARY



HYPOALLERGENIC



Available in  
3.5 and 10kg bags

### RECOMMENDED DAILY INTAKE & FEEDING DURATION

ADULT DOG	DOG'S WEIGHT (kg)	BODY CONDITION					
		THIN		NORMAL		OVERWEIGHT	
		grams	cups	grams	cups	grams	cups
	2	50	5/8	43	4/8	41	4/8
	4	84	1	72	6/8	69	7/8
	6	113	1 + 2/8	98	1 + 1/8	94	1 + 1/8
	8	141	1 + 5/8	122	1 + 3/8	116	1 + 3/8
	10	166	1 + 7/8	144	1 + 5/8	138	1 + 5/8
	15	226	2 + 4/8	195	2 + 2/8	186	2 + 2/8
	20	280	3 + 1/8	242	2 + 6/8	231	2 + 6/8
	25	331	3 + 6/8	286	3 + 2/8	273	3 + 2/8
	30	379	4 + 2/8	328	3 + 6/8	313	3 + 6/8
	35	426	4 + 6/8	368	4 + 1/8	352	4 + 2/8
	40	471	5 + 2/8	407	4 + 5/8	389	4 + 5/8
	50	557	6 + 2/8	481	5 + 3/8	460	5 + 4/8
	60	638	7 + 1/8	551	6 + 2/8	527	6 + 2/8
	70	716	8 + 1/8	619	7	592	7
	80	792	8 + 7/8	684	7 + 6/8	654	7 + 6/8

For nutritional management of dogs with struvite urolithiasis and Adverse Food Reaction: feed the diet for 5-12 weeks and re-evaluate based on clinical assessment of the response. If a urinary tract infection is present S/O-AFR Canine, combined with an antibacterial agent, should be fed for at least one month after a negative urine culture result has been obtained. It is recommended to divide the daily intake into 2 meals.



This product creates a urinary environment unfavourable to the formation of struvite and calcium oxalate stones.

### RECOMMENDED FOR CASES OF

- Urinary disorders: • Dissolution of struvite uroliths
- Recurrent struvite and calcium oxalate urolithiasis
- Bacterial cystitis. In older dogs, renal function should be checked before S/O-AFR Canine is recommended.

+

- Dermatological/GI conditions: Food elimination trial
- Food allergies • Food intolerance • Food responsive Inflammatory Bowel Disease (IBD) • Chronic diarrhoea
- Small Intestinal Bacterial Overgrowth (SIBO)
- Exocrine Pancreatic Insufficiency (EPI)

#### NOT RECOMMENDED IN CASE OF

- Pregnancy, lactation, growth • Chronic Kidney Disease
- Heart disease (where sodium restriction is required)
- Concurrent use of urine-acidifying drugs



#### URINE DILUTION

Diluting urine decreases the urinary concentrations of struvite and calcium oxalate crystals. Greater urinary volumes also ensure regular bladder wash-out.



#### LOW RSS

Low RSS (Relative Super-saturation) diets encourage an undersaturated urinary environment, unfavourable to the development of struvite and calcium oxalate crystals.



#### HYDROLYSED PROTEIN

Hydrolysed protein with low molecular weight to help ensure very low allergenic potential.



#### SKIN BARRIER

A specially formulated complex of nutrients to support the skin's natural protective barrier role and for optimal skin health.

KEY VALUES	Per 100g as fed
Protein	20g
Fat content	15g
Carbohydrate	40.4g
NFE	44.9g
Dietary fibre	6.9g
Crude fibre	2.4g
Omega 6	3.48mg
Omega 3	0.87mg
EPA+DHA	0.36g
Calcium	0.51g
Phosphorus	0.5g
Sodium	1.3g
Potassium	0.8mg
Vitamin D3	90IU

Metabolisable energy\*

371.6Kcal

\*Calculated according to NRC2006.

#### COMPOSITION

Rice, hydrolysed soya protein isolate, animal fats, minerals, chicory pulp, vegetable fibre, soya oil, fish oil, fructo-oligo-saccharides, fatty acid salt, borage oil.

#### ADDITIVES (KG)\*\*

Nutritional additives: Vitamin A: 28500IU, Vitamin D3: 800IU, E1 (Iron): 43mg, E2 (Iodine): 3.9mg, E4 (Copper): 15mg, E5 (Manganese): 57mg, E6 (Zinc): 205mg, E8 (Selenium): 0.25mg - Technological additives: Clinoptilolite of sedimentary origin: 10g. Preservatives - Antioxidants.

\*\* Values reflect only levels added to the formula, not those naturally occurring in components of the diet.





# S/O-Kcal Control

URINARY + SATIETY



Available in 3.5 and 9kg bags

## RECOMMENDED DAILY INTAKE & FEEDING DURATION

ADULT DOG	TARGET BODY WEIGHT OF DOG	START		AFTER 4 WEEKS WITH NO WEIGHT LOSS	
		grams	cups	grams	cups
	2	44	4/8	37	4/8
	4	73	7/8	63	6/8
	6	99	1 1/8	85	1
	8	123	1 4/8	106	1 2/8
	10	146	1 6/8	125	1 4/8
	12	167	2	143	1 6/8
	14	188	2 2/8	161	1 7/8
	16	207	2 4/8	178	2 1/8
	18	227	2 6/8	194	2 2/8
	20	245	2 7/8	210	2 4/8
	25	290	3 4/8	249	3
	30	332	4	285	3 3/8
	35	373	4 4/8	320	3 6/8
	40	413	4 7/8	354	4 2/8
	45	451	5 3/8	386	4 5/8
	50	488	5 6/8	418	5
	60	559	6 5/8	479	5 6/8
	70	628	7 4/8	538	6 3/8
	80	694	8 2/8	595	7 1/8
	90	758	9	650	7 6/8

For nutritional management of dogs at risk of struvite stone recurrence and reduction of excess bodyweight: feed the diet up to 6 months and re-evaluate based on clinical assessment of the response. If a urinary tract infection is present S/O-Kcal Control Canine, combined with an antibacterial agent, should be fed for at least one month after a negative urine culture result has been obtained. For detailed guidance on weight reduction please see product information for Satiety Canine.

**RECOMMENDATIONS:** Target Weight should be determined according to Body Condition Score of the individual. The optimal weight loss rate is 1-3% bodyweight weekly. It is recommended to continue feeding the weight-loss diet once target weight is achieved. Energy intakes should be increased by 10% and Body Condition Score and weight monitored closely throughout the stabilisation period. Should the dog regain more than 5% of body weight, the daily ration should be decreased to weight loss levels. It is recommended to divide the daily intake into 2 meals.

## RECOMMENDED FOR CASES OF

**Urinary disorders:** • Recurrent struvite and calcium oxalate urolithiasis • Bacterial cystitis • Dissolution of struvite uroliths. **In older dogs,** renal function should be checked before S/O-Kcal Control Canine is recommended.

**Weight management:** Obesity • Diabetes mellitus associated with obesity • Hyperlipidaemia associated with obesity

## NOT RECOMMENDED IN CASE OF

Pregnancy, lactation, growth • Chronic Kidney Disease • Heart disease (where sodium restriction is required) • Concurrent use of urine-acidifying drugs • Conditions where high fibre content is not recommended



### SATIETOGENIC EFFECT

Contains a special blend of fibres which have a satiating effect on dogs.



### HIGH PROTEIN

A high protein content (111 g/1000 kcal ME) helps maintain muscle mass throughout the weight loss period.



### URINE DILUTION

Urine dilution makes the urine less liable to form struvite and calcium oxalate stones.



### LOW RSS

Helps lower the concentration of ions contributing to struvite and calcium oxalate crystal formation.

KEY VALUES	Per 100g as fed
Protein	30g
Fat content	9.5g
Carbohydrate	16.9g
NFE	26.9g
Dietary fibre	26.7g
Crude fibre	16.7g
Omega 6	1.96mg
Omega 3	0.61mg
EPA+DHA	0.29g
Calcium	0.85g
Phosphorus	0.7g
Sodium	0.95g
L-Carnitine	30mg
Chondroitin sulphate + Glucosamine	100mg

Metabolisable energy\* 269.9Kcal

\*Calculated according to NRC2006.

## COMPOSITION

Dehydrated poultry protein, cellulose powder, wheat gluten\*\*, vegetable fibres, tapioca, wheat, hydrolysed animal proteins, chicory pulp, maize, animal fats, minerals, maize gluten, fish oil, psyllium husks and seeds, fatty acid salt, fructo-oligo-saccharides, soya oil, hydrolysed crustaceans [source of glucosamine], hydrolysed cartilage [source of chondroitin].

## ADDITIVES (KG)\*\*

Nutritional additives: Vitamin A: 19800IU, Vitamin D3: 1000IU, E1 (Iron): 40mg, E2 (Iodine): 4mg, E4 (Copper): 12mg, E5 (Manganese): 52mg, E6 (Zinc): 154mg, E8 (Selenium): 0.07mg - Preservatives - Antioxidants.

\*\*Values reflect only levels added to the formula, not those naturally occurring in components of the diet.



This product creates a urinary environment unfavourable to the formation of struvite and calcium oxalate stones.

# MULTIFUNCTION

MOBILITY C2P+ | SATIETY



Available in 3.5 and 9kg bag

## RECOMMENDED DAILY INTAKE & FEEDING DURATION

ADULT DOG	DOG'S WEIGHT (kg)	BODY CONDITION					
		THIN		NORMAL		OVERWEIGHT	
		grams	cups	grams	cups	grams	cups
2	42	4/8	36	3/8	40	4/8	
4	71	7/8	61	6/8	67	6/8	
6	97	1 + 1/8	83	1	91	1 + 1/8	
8	120	1 + 3/8	103	1 + 2/8	113	1 + 3/8	
10	142	1 + 6/8	122	1 + 4/8	134	1 + 5/8	
15	192	2 + 2/8	165	2	181	2 + 1/8	
20	239	2 + 7/8	204	2 + 3/8	225	2 + 5/8	
25	282	3 + 3/8	242	2 + 7/8	266	3 + 1/8	
30	323	3 + 7/8	277	3 + 2/8	305	3 + 5/8	
35	363	4 + 3/8	311	3 + 6/8	342	4 + 1/8	
40	401	4 + 6/8	344	4 + 1/8	378	4 + 4/8	
45	438	5 + 2/8	376	4 + 6/8	413	4 + 7/8	
50	474	5 + 5/8	407	4 + 7/8	447	5 + 3/8	
55	509	6	437	5 + 2/8	480	5 + 6/8	
60	544	6 + 4/8	466	5 + 4/8	513	6 + 1/8	
70	610	7 + 2/8	523	6 + 2/8	576	6 + 7/8	
80	675	8	578	6 + 7/8	636	7 + 5/8	

Individual target weight is determined and then feeding amount established. The recommended daily intake is based on the dog's ideal weight. The starting ration may need to be adjusted during follow-up visits, based on each individual's response and the rate of weight loss. An objective of losing 1-3% bodyweight per week is generally achievable over the first 3 months, and of 0.5-2% afterwards. Maximum benefits on mobility are expected after 6 to 8 weeks feeding.

**Calculation of energy allocation for maintenance after weight:** Energy requirements to maintain stable body weight after weight loss are lower than those of dogs that have never been obese. Based on current scientific insights [German and al. 2011], our maintenance after weight loss rations are calculated by increasing the weight loss ration by +10%. Mobility C2P+ + Satiety diet may be continued for the dog's lifetime.

<sup>1</sup> Comblain, F., Barthélémy, N., Lefèvre, M., Schwartz, C., Lesponne, I., Serisier, S., Feugier, A., Battigand, M., Henotin, Y. (2017). A randomized, double-blind, prospective, placebo-controlled study of the efficacy of a diet supplemented with curcuminoids extract, hydrolyzed collagen and green tea extract in owner's dogs with osteoarthritis. BMC Veterinary Research, 13: 395

## RECOMMENDED FOR CASES OF

### Mobility management:

- Help support healthy joint function
- Help support joints after orthopaedic surgery or trauma

### Weight management:

- Overweight/obesity
- Diabetes mellitus or hyperlipidemia associated with overweight/obesity

### NOT RECOMMENDED IN CASE OF

- Dogs with a history of constipation in response to a high fibre diet
- Growth, gestation/lactation
- Chronic diseases requiring an increased energy intake



### MOBILITY SUPPORT

Scientifically proven to support mobility in dogs<sup>1</sup>.



### INNOVATIVE C2P+ JOINT COMPLEX

Formulated with a synergistic combination of turmeric extract, hydrolysed collagen and green tea polyphenols, to help support healthy joint cartilage.



### EFFECTIVE WEIGHT MANAGEMENT

Adapted macronutrient profile helps provide safe weight loss and helps avoid weight regain. 97% of dogs lost weight in 3 months<sup>2</sup>.



### BEGGING CONTROL

High natural fibre level helps keep dogs satisfied between meals. Helped control begging in 83% of dogs during weight loss<sup>2</sup>.

<sup>2</sup> Flanagan J et al. Success of a weight loss plan for overweight dogs: the results of an international weight loss study. PLoS One 2017; 12(9):e0184199.

KEY VALUES	Per 1000 kcal	Per 100g as fed
Moisture	35.03g	9.50g
Protein	103.24g	28.00g
Fat content	44.25g	12.00g
Crude fibre	59.73g	16.20g
Crude ash	19.54g	5.30g
Carbohydrate (NFE)	106.93g	29.00g
Dietary fibre	103.98g	28.20g
Omega 6	7.45g	2.02g
Omega 3	2.95g	0.80g
EPA + DHA	1.84g	0.50g
Calcium	2.95g	0.80g
Phosphorus	1.47g	0.40g
Sodium	1.47g	0.40g
Potassium	2.95g	0.80g
Magnesium	0.22g	0.06g
Vitamin E	136.94 IU	38.00 IU

Metabolisable energy\* 271.20kcal

\*Calculated according to NRC2006 CF.

## COMPOSITION

Vegetable fibres, dehydrated poultry protein, wheat gluten\*\*, maize gluten, maize, manioc (tapioca), animal fats, wheat, hydrolysed animal proteins, beet pulp, minerals, fish oil, hydrolysed collagen [1.2%], psyllium husks and seeds, soya oil, fructo-oligo-saccharides, marigold extract [source of lutein].

\*\*L.I.P.: protein selected for its very high digestibility.

## ADDITIVES (KG)\*\*\*

Nutritional additives: Vitamin A: 15 500 IU, Vitamin D3: 1 000 IU, Iron [3b103]: 38mg, Iodine [3b201, 3b202]: 3.8mg, Copper [3b405, 3b406]: 12mg, Manganese [3b502, 3b504]: 49mg, Zinc [3b603, 3b605, 3b606]: 141mg, Selenium [3b801, 3b811, 3b812]: 0.09mg - Sensory additives: turmeric extract [Curcuma Longa L.]: 1.254g, Tea extract [source of polyphenols]: 600mg - Preservatives - Antioxidants.

\*\*\*Values reflect only levels added to the formula, not those naturally occurring in components of the diet.



MULTIFUNCTION

RENAL MOBILITY C2P+



Available in  
3.5 and 10kg bags

RECOMMENDED DAILY INTAKE & FEEDING DURATION

ADULT DOG	DOG'S WEIGHT (kg)	BODY CONDITION					
		THIN		NORMAL		OVERWEIGHT	
		grams	cups	grams	cups	grams	cups
	2	48	5/8	41	4/8	35	3/8
	4	80	1	69	7/8	58	6/8
	6	109	1 + 3/8	94	1 + 1/8	79	1
	8	148	1 + 4/8	130	1 + 3/8	112	1 + 1/8
	10	160	2	138	1 + 6/8	116	1 + 3/8
	15	217	2 + 5/8	187	2 + 2/8	158	1 + 7/8
	20	269	3 + 2/8	232	2 + 7/8	196	2 + 3/8
	25	318	3 + 7/8	274	3 + 3/8	231	2 + 7/8
	30	364	4 + 4/8	315	3 + 7/8	265	3 + 2/8
	35	409	5	353	4 + 3/8	297	3 + 5/8
	40	452	5 + 4/8	390	4 + 6/8	329	4
	45	494	6	427	5 + 2/8	359	4 + 3/8
	50	534	6 + 4/8	462	5 + 5/8	389	4 + 6/8
	55	574	7	496	6 + 1/8	417	5 + 1/8
	60	613	7 + 4/8	529	6 + 4/8	446	5 + 4/8
	70	688	8 + 3/8	594	7 + 2/8	500	6 + 1/8
	80	760	9 + 3/8	657	8	553	6 + 6/8

\*For nutritional management of dogs with Chronic Kidney Disease (stage 2-4) and support healthy joint function. Renal + Mobility can be fed for the dog's lifetime. It is recommended to divide the daily intake into 2 meals.

<sup>1</sup> Comblain, F., Barthélémy, N., Lefèbre, M., Schwartz, C., Lespoune, I., Serisier, S., Feugier, A., Balligand, M., Henrotin, Y. (2017). A randomized, double-blind, prospective, placebo-controlled study of the efficacy of a diet supplemented with curcuminoids extract, hydrolyzed collagen and green tea extract in owner's dogs with osteoarthritis. BMC Veterinary Research, 13: 395

RECOMMENDED FOR CASES OF

Renal disease

- Azotaemic Chronic Kidney Disease (IRIS stage 2\* to stage 4)
- Chronic Kidney Disease with proteinuria (IRIS stage 1 to 4)

+

Mobility management:

- Help support healthy joint function
- Help support joints after orthopaedic surgery or trauma

NOT RECOMMENDED IN CASE OF

- Growth, gestation/lactation



RENAL SUPPORT

Formulated with low phosphorus and moderate protein of high quality to support renal function.



ADAPTED ENERGY

A high energy content to reduce meal volume and help support a reduced appetite.



MOBILITY SUPPORT

Scientifically proven to support mobility in dogs<sup>1</sup>.



INNOVATIVE C2P+ JOINT COMPLEX

Formulated with a synergistic combination of turmeric extract, hydrolysed collagen and green tea polyphenols, to help support healthy joint cartilage.

KEY VALUES	Per 1000 kcal	Per 100g as fed
Moisture	24.53g	9.50g
Protein	36.15g	14.00g
Fat content	41.31g	16.00g
Crude fibre	5.94g	2.30g
Crude ash	12.14g	4.70g
Carbohydrate (NFE)	138.14g	53.50g
Dietary fibre	20.66g	8.00g
Omega 6	6.38g	2.47g
Omega 3	2.50g	0.97g
EPA + DHA	1.55g	0.60g
Calcium	1.55g	0.60g
Phosphorus	0.77g	0.30g
Sodium	1.03g	0.40g
Potassium	1.55g	0.60g
Magnesium	0.26g	0.10g
Vitamin E	154.92 IU	60.00 IU

Metabolisable energy\*\* 387.30 kcal

\*\* Calculated according to NRC2006 CF. Essential fatty acids 2.3%.

COMPOSITION

Rice, maize flour, maize, animal fats, dehydrated poultry protein, hydrolysed animal proteins, beet pulp, wheat gluten\*\*\*, fish oil, minerals, hydrolysed collagen (1.6%), vegetable fibres, soya oil, butyric acid salt, psyllium husks and seeds, fructo-oligo-saccharides, mono- and diglycerides of palmitic and stearic acids esterified with citric acid, marigold extract (source of lutein). Protein sources: dehydrated poultry protein, hydrolysed animal proteins, wheat gluten\*\*\*.

\*\*\*L.I.P.: protein selected for its very high digestibility.

ADDITIVES (KG)\*\*\*\*

Nutritional additives: Vitamin A: 15 000 IU, Vitamin D3: 1 000 IU, Iron (3b103): 98mg, Iodine (3b201, 3b202): 7.1mg, Copper (3b405, 3b406): 14mg, Manganese (3b502, 3b504): 84mg, Zinc (3b603, 3b605, 3b606): 153mg, Selenium (3b801, 3b811, 3b812): 0.23mg - Technological additives: Clinoptilolite of sedimentary origin: 5g - Sensory additives: turmeric extract (Curcuma Longa L.): 1.683g, Tea extract (source of polyphenols): 850mg - Preservatives - Antioxidants.

\*\*\*\*Values reflect only levels added to the formula, not those naturally occurring in components of the diet.





[WWW.ROYALCANIN.COM/UK](http://WWW.ROYALCANIN.COM/UK)

**NUTRITIONAL HELPLINE**

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