





# GASTROINTESTINAL MANIFESTATIONS

The effective nutritional solutions from PURINA® PRO PLAN®



# **GASTROINTESTINAL MANIFESTATIONS**

**Product Selector** 



# **MAJOR GI CONDITIONS:**

Advanced nutritional solutions from PURINA® PRO PLAN® Veterinary Diets

CLINICALLY PROVEN EFFICACY

HIGH DIGESTIBILITY HIGHLY PALATABLE





# Canine EN Gastrointestinal





A clinical diet to help manage intestinal disorders and exocrine pancreatic insufficiency in dogs of all ages

# **INDICATIONS**

- > Acute or chronic gastrointestinal disease:
- Acute or chronic diarrhoea
- Gastroenteritis and colitis
- Malabsorption and maldigestion
- > Exocrine pancreatic insufficiency (EPI)
- > Inflammatory bowel disease (IBD)
- > Lymphangiectasia
- > Pancreatitis
- > Hyperlipidaemia

# CONTRAINDICATIONS

> None

# **KEY BENEFITS**



#### Low fat

Low fat level to help minimise fat maldigestion



# **Medium Chain Fatty Acids**

With a special fat source (coconut oil) high in MCFA for easy gut absorption



#### Low residu

Easy to digest ingredients to help reduce workload of the compromised gut

# PROVEN RESULTS

Proven to be more effective than a leading competitor on nutritional management of diarrhoea within the first week<sup>1</sup>

Canine EN Gastrointestinal is proven to be effective to nutritionally manage diarrhoea within the first week of dietary management<sup>1</sup>

- 24 dogs suffering from acute diarrhoea after moving to a shelter were given either Canine EN Gastrointestinal dry or a competitor diet
- Dogs fed Canine EN Gastrointestinal were 2.3 times less likely to be diarrheic than those fed the competitor diet (p = 0.032)
- 1: Evaluation of two dry therapeutic diets (PURINA VETERINARY DIETS CANINE EN vs HILL'S i/d) for dogs with acute diarrhoea. Wennogle SA et al, J.Vet.Intern.Med. 2014; 28(3): 1045

#### **INGREDIENTS**

#### **INGREDIENTS (DRY)**

Rice\*, Maize, maize gluten meal\*, dehydrated poultry protein\*, dried beet pulp, digest, pea protein concentrate\*, minerals, coconut oil\* (4%), animal fat, mono and diglycerides, soya oil, fish oil, inulin.

\*Highly digestible ingredients.

#### **INGREDIENTS (WET)**

Pork, flour rice, poultry, dried egg, minerals, coconut oil, cellulose powder.

# **DAILY FEEDING QUANTITIES**

Depending on the individual condition, a gradual introduction of the new diet over a few days may be valuable. Feeding small quantities of food several times a day helps to optimise digestion and absorption. PURINA® PRO PLAN® VETERINARY DIETS EN Gastrointestinal™ provides complete and balanced nutrition for growth of puppies and maintenance of adult dogs.

PUPPY GROWTH - AGE IN MONTHS						
Adult body	1.5	4	6	9	12	
weight (kg)	Dai	ly feeding quantity of dry Canine EN Gastrointestinal (g)				
2.5	40	55	55	Adult	Adult	
5	65	90	80	80	Adult	
10	85	135	160	160	Adult	
15	95	185	215	235	Adult	
25	105	245	330	385	400	
35	120	285	400	535	570	
45	135	270	445	655	710	

ADULT MAINTENANCE					
Body weight (kg)	Dry Only (g/day)	Wet Only (can/day)	Wet + Dry Wet (can/day)	Combined Dry (g/day)	
_			-		
2.5	75	2/3	1/3	30	
5	115	1	1/2	55	
10	185	11/2	1	60	
15	245	2	1	120	
25	345	2 <sup>3</sup> / <sub>4</sub>	1	220	
35	430	31/2	1	305	
45	510	4	1	385	
70	685	51/2	1	560	

For dogs over 70 kg: for each additional 5 kg of body weight, feed an additional 35g of dry pet food.

# **KEY NUTRIENT VALUES**

CANINE EN GASTROINTESTINAL						
Key nutrient values* Dry Wet						
Moisture	7.5%	72.5%				
Protein	24%	8%				
Fat	10.5%	4.5%				
– Omega-6 fatty acids	2.2%	0.8%				
– Omega-3 fatty acids	0.4%	0.1%				
– Medium chain fatty acids	2.0%	0.67%				
Carbohydrate	50%	12%				
Crude fibre	2%	1%				
Soluble fibre	1.8%	0.2%				
nsoluble fibre	5.6%	1.4%				
Zinc	210 mg/kg	54 mg/kg				
Copper	15 mg/kg	3.2 mg/kg				
Vitamin E	480 mg/kg	130 mg/kg				
Vitamin C	70 mg/kg	-				
Metabolisable energy (ME) <sup>1</sup>	3.48 kcal/g	1.08 kcal/g				

1.5kg, 5kg and 12kg

**PRODUCT** 

\* Typical analysis in the final product as fed.

<sup>1</sup> Calculated using modified Atwater's factors.



# Canine HA Hypoallergenic





A dietetic pet food for the diagnosis and management of food allergy and intolerance in dogs of all ages

# **INDICATIONS**

- > Hypoallergenic elimination diet for food trials
- > Long-term management of food allergy
- > Dermatitis and/or gastroenteritis associated with food allergy
- > Inflammatory bowel disease (IBD)
- > Food intolerance
- > Exocrine pancreatic insufficiency (EPI)
- > Hyperlipidaemia
- > Lymphangiectasia
- > Malabsorption
- > Protein losing enteropathy

# CONTRAINDICATIONS

> None

# **KEY BENEFITS**



# Single hydrolysed protein

With low molecular weight to help avoid an allergic response



# **Purified Carbohydrates sources**

To help avoid allergic reactions



# With omega-3 fatty acids

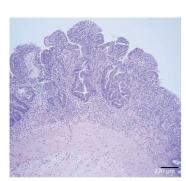
To help maximise the natural anti-inflammatory process

# **PROVEN RESULTS**

Clinically proven to be effective on inflammatory bowel disease.

From UC Davis Professor Stan Marks et al, 20021

- 6 Dogs with IBD vomiting and diarrhoea for six months
- Diagnosis based on gastroduoenoscopy and biopsy
- Refractory to controlled diets and/or to medical treatment
- Fed for 10 weeks on Canine HA Hypoallergenic
- All dogs showed clinical improvements (including 3 complete resolutions)



University of California, Davis (CA), School of Veterinary Medicine Anatomic Pathology

# 1: Marks SL et al.2002 Dietary trial using a commercial hypoallergenic diet containing hydrolyzed protein for dogs with inflammatory bowel disease. Vet Ther. 3(2):109-18.

# **DAILY FEEDING QUANTITIES**

	F	PUPPY GROWTH	- AGE IN MONTH	S	
Adult body	1.5	4	6	9	12
weight (kg)	Dai	ily feeding quanti	ty of dry Canine El	N Gastrointestinal	(g)
2.5	40	60	50	Adult	Adult
5	65	95	80	80	Adult
10	90	135	165	165	Adult
15	95	175	220	240	Adult
25	110	250	335	395	405
35	120	290	405	550	580
45	135	315	455	670	725

ADULT MAINTENANCE					
Body Weight (kg)	Daily feeding quantity (g)				
2.5	75				
5	120				
10	190				
15	250				
25	350				
35	440				
45	520				
70	700				
·					

For dogs over 70 kg: for each additional 5 kg of body weight, feed an additional 35g of pet food.

# **KEY NUTRIENT VALUES**

CANINE HA HYPOALLERGENIC					
Key nutrient values*	Dry				
Moisture	7.5%				
Protein	21%				
Fat	9%				
– Omega-6 fatty acids	1.9%				
– Omega-3 fatty acids	0.6%				
<ul> <li>Medium chain fatty acids</li> </ul>	1.3%				
Carbohydrate	55%				
Crude fibre	2%				
Zinc	210 mg/kg				
Vitamin A	20 000 UI/kg				
Vitamin E	300 mg/kg				
Metabolisable energy (ME) <sup>1</sup>	3.42 kcal/g				

3kg and 11kg

**PRODUCT** 

# **INGREDIENTS**

#### INGREDIENTS (DRY)

Maize starch\*, hydrolysed soya protein\*\*, minerals, coconut oil, sugar\*, rapeseed oil, cellulose, soya oil, fish oil.

All ingredients are highly digestible ingredients.

<sup>\*</sup> Typical analysis in the final product as fed. 
¹ Calculated using modified Atwater's factors.

<sup>\*</sup> Purified carbohydrate sources.

<sup>\*\*</sup> Protein source.



# Canine HP Hepatic





# A clinical diet to help manage liver diseases in adult dogs and puppies over 14 weeks old

# **INDICATIONS**

- > Liver Failure/Disease
- > Hepatitis
- > Portosystemic shunt
- > Copper metabolism disorder
- > Piroplasmosis/babesiosis
- > Leptospirosis/Leishmaniasis
- > Hepatic encephalopathy

# **CONTRAINDICATIONS**

- > Early growth, pregnancy. Not suitable during pregnancy and growth in puppies before 14 weeks of age
- > Pancreatitis
- > Hyperlipidaemia

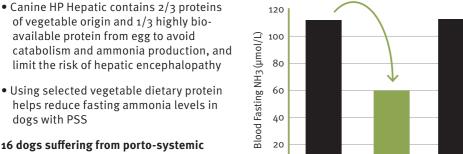
**PROVEN RESULTS** 

function

# Selected protein sources to help reduce accumulation of toxins and maintain liver

At the start

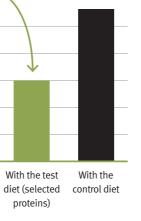
of the study



# dogs with PSS 16 dogs suffering from porto-systemic shunt in a cross-over study1

- 4 weeks on a chicken meal diet
- 4 weeks on a soy-based diet1

Effect of selected vegetable dietary protein on fasting NH3 in dogs suffering from porto-sytemic shunt.



#### 1: Proot S, et al. Soy Protein Isolate versus Meat-Based Low-Protein Diet for Dogs with congenital Portosystemic Shunts. J Vet Intern Med (2009); 23: 794-800

# **KEY BENEFITS**



# **Selected protein sources**

To help reduce accumulation of toxins and maintain liver function



To reduce hepatic copper accumulation



# **High energy content**

To help maintain a positive energy balance

# **DAILY FEEDING QUANTITIES**

Feeding guide: see table. The recommended period of use is initially up to 6 months but the diet can be used indefinitely under veterinary supervision. It is recommended that a veterinary surgeon's opinion be sought before use or before extending the period of use. Water should always be available.

PUPPY LATE GROWTH - AGE IN MONTHS						
Adult body	1.5	4	6	9	12	
weight (kg)		Dail	y feeding quantity	y (g)		
2.5	55	45	Adult	Adult	Adult	
5	85	75	75	75	Adult	
10	125	150	150	150	Adult	
15	160	200	215	215	Adult	
25	22	300	355	355	365	
35	260	365	490	490	520	
45	280	410	60	600	650	
70	450	665	885	885	940	

ADULT MAINTENANCE					
Body Weight (kg)	Daily feeding quantity (g)				
2.5	65				
5	105				
10	170				
15	225				
25	315				
35	395				
45	465				
70	625				

For adult dogs over 70 kg: for each additional 5 kg of body weight, feed an additional 20g of dry pet food.

# **KEY NUTRIENT VALUES**

CANINE HP HEPATIC					
Key nutrient values*	Dry				
Moisture	7.5%				
Protein	19.0%				
Fat – Omega-6 fatty acids – Omega-3 fatty acids – Medium Chain fatty acids	18% 2.43% 0.45% 0.9%				
Carbohydrate	46%				
Crude Fibre	3.5%				
Vitamin E	445 mg/kg				
Vitamin C	70 mg/kg				
Copper	0.49%				
Zinc	260mg/kg				
Metabolisable energy (ME) <sup>1</sup>	3.81 kcal/g				

3kg

**PRODUCT** 

#### **INGREDIENTS**

# INGREDIENTS (DRY)

Maize<sup>1,2</sup>, dried egg<sup>2</sup>, soya meal<sup>1</sup>, dried beet pulp<sup>1</sup>, animal fat, digest<sup>1</sup>, minerals, coconut oil, dried chicory root, fish oil, cellulose

Purina\_Pro\_Plan\_GI\_Product\_Range\_Brochure\_v7.indd 7 14/05/2018 14:27

<sup>&</sup>lt;sup>1</sup>Calculated using modified Atwater's factors.

<sup>&</sup>lt;sup>1</sup> Protein sources <sup>2</sup> Highly digestible carbohydrate sources



# Canine FortiFlora®





# A probiotic complementary pet food for dogs of all ages

# **RECOMMENDED FOR**

- Gastrointestinal disturbance and loose stools associated with microflora imbalance
- > Loose stools associated with stress, antibiotic use or diet change
- > Reduction of flatulence in dogs
- > Poor faecal quality in dogs of all ages (puppies, adult and senior)
- > Palatability enhancement for dogs with poor appetite

# **KEY BENEFITS**



Contains a guaranteed level of a proprietary microencapsulated strain of viable probiotic (SF68) (minimum  $5 \times 10^8$  CFU\*/g). The microencapsulation process enhances stability, guaranteeing levels of live beneficial bacteria entering the gastrointestinal (GI) tract



Proven to promote intestinal health and microflora balance Contains the lactic acid bacteria *Enteroccus faecium (SF68)*, at levels proven to promote intestinal health and microflora balance in dogs



Proven to promote a strong immune system

\*CFU: Colony Forming Units

# PRODUCT PROPURINA PRO PLAN VETERINARY DIETS FortiFlora Canine Probiotic Complement PAIENT PRINNIS 30 X 1g sachet

# **PROVEN RESULTS**

#### Clinical advantages with the use of Canine FortiFlora in dogs

PURINA® PRO PLAN® VETERINARY DIETS FortiFlora Canine contains a strain of E faecium (SF68) (4b1705) - a lactic acid bacterium that is recognised as a safe, "friendly" bacteria and valuable probiotic. A unique and proprietary microencapsulation technique ensures that the bacteria in Canine FortiFlora remain viable and that the product can be used with confidence in its efficacy. In dogs, Nestlé PURINA studies have confirmed that feeding SF68 significantly increases beneficial bacteria in the faeces and reduces quantities of potential pathogens (such as clostridia).

In clinical trials, SF68 has been shown to significantly improve faecal quality in puppies and stabilise intestinal flora by maintaining a higher diversity of the gut bacterial population.

Nestlé PURINA studies also show SF68 can enhance faecal IgA production in puppies and elderly dogs and even enhance systemic immune responses of puppies to vaccination<sup>1</sup>.

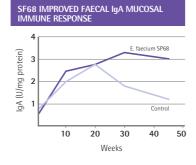
Based on these and other studies, Canine FortiFlora can be recommended for dogs to support the nutritional management of:

• Poor faecal quality in dogs of all stages.

a disturbance.

• Loose stools associated with stress, antibiotic use or diet change.

# SF68 INCREASED BENEFICIAL BACTERIA IN PUPPIES Change in faecal microflora in puppies fed SF68 10 9 8 7 6 5 4 Bifidobacteria Lactobacilli \*p<0.05



# **FEEDING GUIDELINES**

One sachet of PURINA® PRO PLAN® VETERINARY DIETS FortiFlora is recommended to be fed per day sprinkled over the dog's regular pet food for a period of 30 days. It can also be fed on a long-term basis. Canine FortiFlora can also be safely fed to young puppies and pregnant and lactating bitches. When feeding to restore intestinal balance due to antibiotic use, for best results, Canine FortiFlora should be given pre-, during and post-antibiotic therapy, but ideally at a different time of day to the antibiotics.

For loose stools, give 1 sachet of FortiFlora every day, sprinkled on top of the regular food, until at least 7 days after the return to normal stool quality. To improve immune system function, give 1 sachet of Fortiflora every day, for at least 30 days. When feeding to restore intestinal balance due to antibiotic use, give 1 sachet of FortiFlora every day during the antibiotic use and until 7 days after the last dose of antibiotic.

# **INGREDIENTS**

# <u>INGR</u>EDIENTS

Animal digest, Enterococcus faecium SF68, vitamins, minerals.

#### **KEY NUTRIENT VALUES**

CANINE FORTIFLORA					
Key nutrient values*					
Enterococcus faecium SF68 Live micro-encapsulated microorganisms	Minimum 5x10 <sup>s</sup> CFU/g				
Protein	54%				
Fat	19%				
Crude fibre	1%				
Vitamin E	7500 mg/kg				
Vitamin C	1450 mg/kg				
Selenium	1.2 mg/kg				
Metabolisable energy (ME)¹	3.9 kcal/g				

<sup>\*</sup> Typical analysis in the final product as fed. <sup>1</sup>Calculated using modified Atwater's factors.

Canine FortiFlora may also have a role to help stabilise and restore the intestinal flora after

• Gastrointestinal disturbance and loose stools associated with microflora imbalance.

<sup>1.</sup> Benyacoub J, et al. Supplementation of food with Enterococcus faecium (SF68) stimulates immune functions in young dogs. J Nutr 2003;133: 1158–1162.



# Feline EN St/Ox Gastrointestinal





# A clinical diet to help manage intestinal disorders in cats of all ages

# **INDICATIONS**

- > Acute or chronic gastrointestinal disease:
- Acute or chronic diarrhoea
- Weight loss and intermittent vomiting
- Gastroenteritis and colitis
- Malabsorption and/or maldigestion
- Food intolerance
- Inflammatory bowel disease
- > Liver disease not associated with encephalopathy
- > Convalescence

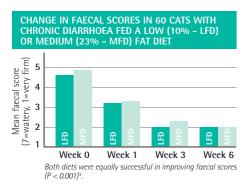
#### CONTRAINDICATIONS

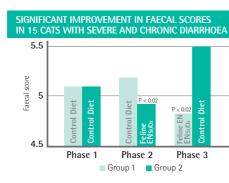
- > Hepatic encephalopathy
- > Renal failure

#### **PROVEN RESULTS**

#### IMPACT OF FAT LEVEL IN A DIET DESIGNED TO MANAGE FELINE GI DISEASE

Traditional diets designed to manage GI disease have been based on feeding a low fat and relatively high carbohydrate food; however cats are naturally adapted to a low carbohydrate diet and are able to digest and utilise high levels of dietary fat. Recent studies have confirmed that fat restriction may not be beneficial in cats with gastroenteritis:





A highly digestible diet with moderately high fat levels presents numerous clinical

- It is better adapted to the unique feline digestive physiology.
- It better meets the nutritional needs of a cat with debilitating GI disease.

Although pancreatitis is increasingly recognised as a clinical entity in cats, the optimal diet to manage this disease in cats is unknown. Clinical improvement has been documented with or without fat restriction, and low fat diets may have no specific benefits in cats.

1. LaFlamme, DP, H. Xu, GL Long. Do cats with chronic diarrhoea benefit from a low fat diet? ACVIM Proceedings. 2007: p611.

# **KEY BENEFITS (DRY)**

# **High digestibility**

to ensure high nutrient absorption, and to minimise dietary load on the compromised gut



#### **Limited number of protein sources**

to help minimise antigenic load and thus adverse gastrointestinal reactions



#### Added prebiotics (inulin)

to help improve microbial balance and stimulate the growth of beneficial bacteria

#### **DAILY FEEDING QUANTITIES**

To optimise nutrient digestion and absorption, the daily intake of Feline EN St/Ox Gastrointestinal should be divided into several small meals. Feline EN St/Ox Gastrointestinal provides complete and balanced nutrition for both adults and kittens. For kittens from 6 to 12 weeks, feed 40 to 80 g of dry food as per table here below, and where necessary moisten with water until weaning is complete, then gradually reduce the added water.

ADULT MAINTENANCE							
Body	Daily feeding quantities		quan	Daily feeding quantities mix wet + dry (can)		Daily feeding quantities mix wet + dry (pouch)	
weight (kg)	DRY (g/day	WET (can/ day)	WET (pouches/ day	WET (can/ day)	DRY (g/ day)	WET (pouches/ day)	DRY (g/ day)
2	30	2/3	1 1/4	1/3	15	1/2	15
3	45	1	1 3/4	1/2	20	1	20
4	60	1 1/4	2	1	10	1	35
5	75	11/2	3 3/4	1	25	11/2	40

For each additional 1 kg of body weight, feed an additional 15g of dry food per day when only dry food is feed or ½ of can per day when only wet food is fed or 10g of dry food when mixed food is given.

KITTEN GROWTH						
	Daily feeding quantities					
Age (weeks)	DRY (g/day)	WET (can/day)	WET (pouches/day)			
6-12	40-80	1 1/2	1 1/4 - 3 1/4			
12-26	45-100	1	2 - 4 1/4			
26-52	100-50	2 - 1	4 1/4 - 2			

# **PRODUCT** 400g / 1.5kg / 5kg

Tender pieces

in gravy

Tender pieces

in gravy

#### **KEY NUTRIENT VALUES**

FELINE EN ST/OX GASTROINTESTINAL				
Key nutrient values*	Dry	Can	Pouch**	
Moisture	6.5%	77%	76.4%	
Protein	40%	10.5%	11.5%	
Fat  - Omega-6 fatty acids  - Omega-3 fatty acids	20% 2.81% 0.71%	6.5% 1.8% 0.3%	6.3% 0.95% 0.3%	
Carbohydrate	23%	3.1%	3.0%	
Crude fibre	2%	0.7%	0.3%	
Soluble fibre	1.7%	0.2%	0.6%	
Insoluble fibre	4.7%	1.3%	-	
Bentonite	10 000 mg/kg		-	
Vitamin E	550 mg/kg	347 mg/kg	221 mg/kg	
Metabolisable energy (ME) <sup>1</sup>	3.9 kcal/g	1.1 kcal/g	1.1 kcal/g	

\* Typical analysis in the final product as fed. \*\* Average of the two varieties. 1 Calculated using modified Atwater's factors.

#### **INGREDIENTS**

#### INGREDIENTS (DRY)

Soya protein isolate, dehydrated chicken protein, soya meal, maize starch, animal fat, digest, minerals, inulin (min. 0.2%), fish oil

#### **INGREDIENTS WET (POUCH)**

With chicken: pork (frozen liver & kidney, and dehydrated pork protein), chicken, turkey, dried egg, rice flour, pea fibre, dried yeast, fish oil, calcium sulphate dihydrate, pentasodium triphosphate, xylose, burnt sugar.

With salmon: pork (frozen liver & kidney, and dehydrated pork protein), turkey, chicken, salmon, dried egg, rice flour, pea fibre, dried yeast, fish oil, calcium sulphate dihydrate, pentasodium triphosphate, xylose, burnt sugar.

#### **INGREDIENTS WET (CAN)**

Pork liver and kidney, turkey, rice, pork plasma, minerals, fish oil, cellulose powder, inulin.

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<sup>2.</sup> Nestlé PURINA, data on file.



# Feline HA St/Ox Hypoallergenic





# A clinical diet for the diagnosis and management of food allergies in cats of all ages

# INDICATIONS > Hypoallergenic elimination diet for food trials > Long-term management of food allergy > Dermatitis and/or gastroenteritis associated with food allergy > Inflammatory bowel disease (IBD) > Food intolerance > Exocrine pancreatic insufficiency

- Hyperlipidaemia Lymphangiectasia
- > Malabsorption
- > Protein losing enteropathy

# CONTRAINDICATIONS

> None

# **KEY BENEFITS**



**Single hydrolysed protein with low molecular weight**To help avoid allergic reactions



**Purified carbohydrates** 

To help avoid allergic reactions

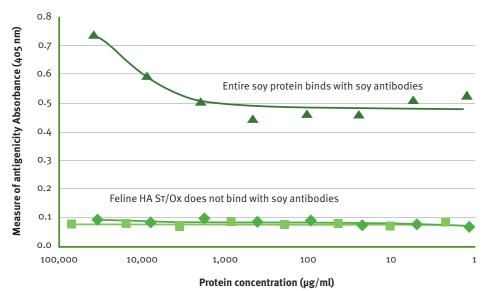


**Great tast** 

Thanks to high quality ingredients and appetite booster

# PRODUCT PROPINAL PRO

# **PROVEN RESULTS**



Feline HA ST/Ox proteins are hydrolyzed to a size which does not allow binding with specific antibodies and thus allergic reaction

Feline HA ST/Ox
Hydrolysed soy protein
Non-hydrolysed soy protein

# **FEEDING GUIDELINES**

Elimination diet trial: where possible use either a short or no transition period, followed by exclusive feeding of PURINA® PRO PLAN® VETERINARY DIETS HA ST/OX Hypoallergenic for 8 to 10 weeks. In most cases, positive responses are likely to be seen within 3–6 weeks. If clinical signs resolve, this formula can be fed for life.

# **DAILY FEEDING QUANTITIES**

KITTEN GROWTH		
Age (weeks)	Daily feeding quantity (g)	
6 - 12	25 - 90	
12 - 26	55 - 120	
26 - 52	120 - 60	

ADULT MAINTENANCE		
Body Weight (kg)	Daily feeding quantity (g)	
2	35	
4	70	
6	100	
8	130	

For each additional kg of body weight, feed an additional 15g of food.

# **KEY NUTRIENT VALUES**

FELINE HA ST/Ox HYPOALLERGENIC		
Key nutrient values* Dry		
Moisture	6.5%	
Protein	35%	
Fat	10%	
- Essential fatty acids	4.47%	
- Omega-6 fatty acids	4.31%	
- Omega-3 fatty acids	0.98%	
– EPA+DHA	0.16%	
Carbohydrate	37%	
Crude Fibre	3%	
Bentonite	10 000 mg/kg	
Vitamin E	550 mg/kg	
Metabolisable energy (ME) <sup>1</sup>	3.4 kcal/g	

<sup>\*</sup> Typical analysis in the final product as fed.

¹ Calculated using modified Atwater's factors.

# **INGREDIENTS**

# INGREDIENTS (DRY)

Rice starch, hydrolysed soya protein, soybean oil, minerals, hydrolysed digest, animal fat, fish oil.



# Feline HP St/Ox HEPATIC





# A clinical diet to help manage liver diseases in adult cats

# **INDICATIONS**

- > Liver Failure/disease
- > Cholangitis/Cholestasis/Hepatitis
- > Portosystemic shunt
- > Hepatobiliary neoplasia
- > Hepatic copper accumulation
- > Hepatic encephalopathy

# **KEY BENEFITS**



# High energy content

To help maintain a positive energy balance



#### Opti protei

Adapted level of protein to help reduce accumulation of toxins and maintain liver function



# High palatability

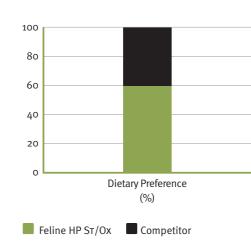
To encourage consumption and prevent malnutrition

# PRODUCT PROPLAN VETERINARY DIETS HP& HE PATIC 1.5kg

# **PROVEN RESULTS**

Two palatability tests on 40 cats have shown a significant palatability win against a leading competitor<sup>1</sup>

1: PURINA internal data on file



# **DAILY FEEDING QUANTITIES**

Feeding guide: see table. The recommended period of use is initially up to 6 months but the diet can be used indefinitely under veterinary supervision. It is recommended that a veterinary surgeon's opinion be sought before use or before extending the period of use. Water should always be available.

ADULT MAINTENANCE		
Body Weight (kg)	Daily feeding quantity (g)	
2	30	
3	45	
4	60	
5	75	
>5	+15g per additional kg of BTW	

# **INGREDIENTS**

#### **INGREDIENTS (DRY)**

Maize\*, dehydrated chicken protein\*, maize gluten meal\*, animal fat, digest\*, egg powder\*, dried beet pulp\*, dried chicory root, minerals, fish oil.
\*Protein sources.

# **KEY NUTRIENT VALUES**

FELINE HP ST/OX HEPATIC		
Key nutrient values*	Dry	
Protein	28%	
Fat	22%	
<ul> <li>Omega-6 fatty acids</li> </ul>	2.9%	
<ul> <li>Omega-3 fatty acids</li> </ul>	0.4%	
Carbohydrate	35%	
Crude Fibre	2%	
Total dietary fibre	8.9%	
Vitamin E	550 mg/kg	
Vitamin C	70 mg/kg	
Copper	5 mg/kg	
Zinc	235 mg/kg	
Metabolisable energy (ME) <sup>1</sup>	4.1 kcal/g	

<sup>\*</sup> Typical analysis in the final product as fed. 
¹Calculated using modified Atwater's factors.



# Feline FortiFlora®





# A probiotic complementary pet food for cats of all ages

# **RECOMMENDED FOR**

- > Gastrointestinal disturbance and loose stools associated with microflora imbalance
- Loose stools associated with stress, antibiotic use or diet change
   -Poor faecal quality in cats of all stages (kitten, adult and senior)
- > Palatability enhancement for cats with poor appetite

# **KEY BENEFITS**



Contains a guaranteed level of a proprietary microencapsulated strain of viable probiotic (SF68) (minimum  $5 \times 10^8$  CFU\*/g). The microencapsulation process enhances stability, guaranteeing levels of live beneficial bacteria entering the gastrointestinal (GI) tract



#### Proven to promote intestinal health and balance

Contains the lactic acid bacteria *Enteroccus faecium (SF68)*, at levels proven to promote intestinal health and microbial balance in cats



Proven to promote a strong immune system

\*CFU: Colony Forming Units

# PRODUCT PROPURINA PROPLAN' VETERINARY DIETS FortiFlora Feline Probiotic Complement PAIENI PENDING 30 X 1g sachet

# **PROVEN RESULTS**

#### Clinical advantages with the use of feline fortiflora in cats

PURINA® PRO PLAN® VETERINARY DIETS FortiFlora Feline contains a strain of E. faecium (SF68) (4b1705) - a lactic acid bacterium that is recognised as a safe, 'friendly' bacteria, and valuable probiotic. A unique and proprietary microencapsulation technique ensures the bacteria in Feline FortiFlora remain viable, and that the product can be used with confidence in its efficacy. In cats, studies have confirmed that feeding SF68 significantly increases beneficial bacteria in the faeces and reduces quantities of potential pathogens (such as clostridia).

In clinical trials, SF68 has been shown to significantly improve faecal quality in cats with chronic nonspecific diarrhoea and prevent and/or reduce the severity of diarrhoea in kittens.

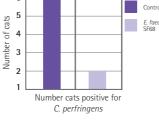
Based on these studies, can be recommended for cats to support the nutritional management of:

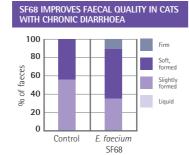
- Gastrointestinal disturbance and loose stools associated with microflora imbalance.
- Loose stools associated with stress, antibiotic use or diet change.
- Poor faecal quality in cats of all stages (kitten, adult and senior).

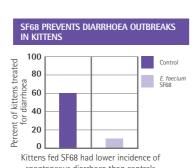
Feline FortiFlora may also have a role to play in other conditions to help stabilise and restore the intestinal flora after a disturbance:

- Chronic enteropathies, for example, inflammatory bowel disease.
- Promoting optimal immune responses in health and disease.

# FAECAL CLOSTRIDIUM PERFRINGENS IN ADULT CATS







# **FEEDING GUIDELINES**

One sachet of PURINA® PRO PLAN® VETERINARY DIETS FortiFlora is recommended to be fed per day sprinkled over the cat's regular pet food for a period of 30 days. It can also be fed on a long-term basis. Feline FortiFlora can also be safely fed to young kittens, and pregnant and lactating queens. When feeding to restore intestinal balance due to antibiotic use, for best results, Feline FortiFlora should be given pre-, during and post-antibiotic therapy, but ideally at a different time of day to the antibiotic.

For loose stools, give 1 sachet of FortiFlora every day, sprinkled on top of the regular food, until at least 7 days after the return to normal stool quality. To improve immune system function, give 1 sachet of Fortiflora every day, for at least 30 days. When feeding to restore intestinal balance due to antibiotic use, give 1 sachet of FortiFlora every day during the antibiotic use and until 7 days after the last dose of antibiotic.

#### **INGREDIENTS**

#### **INGREDIENTS (DRY)**

Animal digest, Enterococcus faecium SF68, vitamins, minerals.

#### **KEY NUTRIENT VALUES**

FELINE FORTIFLORA  Key nutrient values*		
Protein	55%	
at	19%	
Crude fibre	1%	
itamin E	7500 mg/kg	
/itamin C	1450 mg/kg	
aurine	2480 mg/kg	
letabolisable energy (ME)¹	3.9 kcal/g	

<sup>\*</sup> Typical analysis in the final product as fed. <sup>1</sup> Calculated using modified Atwater's factors.



Long-term nutritional solutions from PURINA® PRO PLAN®

PROVEN FORMULAS

HIGH QUALITY INGREDIENTS







# **Small & Mini Adult Sensitive Digestion with OPTIDIGEST**



# Proven to enhance digestive health and promote good faecal consistency

# **RECOMMENDED FOR**

> A complete diet for adult small and mini adult dogs (<10kg body weight) with sensitive digestion

# **KEY BENEFITS**

# WITH CATIDIGEST



# **Easily digestible**

Formulated with highly digestible ingredients – such as egg that ease the digestive process and compounds – such as bentonite – that promote excellent faeces quality



**Improves microflora balance** Contains prebiotic scientifically proven to enhance intestinal microflora balance by promoting an increase of bifidobacteria and a decrease of *Clostridium* Perfringens



# **Promotes good quality stool**

With specific ingredients to support intestinal health and stool quality

#### **FEEDING GUIDELINES**

DAILY FEEDING QUANTITY (ADULT MAINTENANCE)				
Body weight (kg) g/day g/day g/day c1h activity 1 to 3h activity				
1-5 kg	35-110	45-125		
5-10 kg	110-175	125-200		

# **INGREDIENTS**

# **Prebiotics**

loose stools

**PROVEN RESULTS** 

Stimulate the growth of beneficial bacteria





bifidobacteria

• Contains bentonite, a clay that binds excess water and helps improve faecal quality<sup>2</sup>

• Contains inulin\*, a selected prebiotic, proven to balance intestinal microflora • Highly digestible formula specifically adapted for dogs suffering from intermittent





by enterocytes

Bentonite





Binds extra water, toxins and harmful bacteria



Helps improve faecal quality

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# **INGREDIENTS (DRY)**

Chicken: Chicken (20%), Maize, Dehydrated poultry protein, Rice (8%), Maize gluten meal, Maize grits, Dried beet pulp, Animal fat, Soya meal, Dried egg, Minerals, Fish oil, Digest, Yeast.

Lamb: Lamb (20%), Maize, Dehydrated poultry protein, Rice (8%), Maize grits, Animal fat, Dried beet pulp, Maize gluten meal, Soya meal, Minerals, Dried egg, Fish oil, Digest, Yeast, Vitamin, Antioxidants (tocopherols of natural origin).



700g / 3kg / 7kg

700g / 3kg / 7kg

# **KEY NUTRIENT VALUES**

SMALL & MINI ADULT DOG SENSITIVE DIGESTION WITH OPTIDIGEST		
Key nutrient values*	Dry	
Moisture	8%	
Protein	28%	
Fat  - Omega-6 fatty acids  - Omega-3 fatty acids	17% 2.7% 0.3%	
Carbohydrate	37%	
Fibre	2.5%	
Calcium	1.32%	
Phosphorus	0.92%	
Vitamin A	24092 IU/ kg	
Vitamin D <sub>3</sub>	1178 IU/ kg	
Vitamin E	473 IU/ kg	
Vitamin C	70 mg/ kg	
Metabolisable energy (ME) <sup>1</sup>	3.7 kcal/g	

**PRODUCT** 

<sup>2</sup>Hernot, D. *et al.* (2008). Prebiotics and Synbiotics in Companion Animal Science. In: Versalovic, J., Wilson, M. (eds.). Therapeutic Microbiology: Probiotics and Other Strategies. ASM Press, Washington, DC. Pp. 357-370.

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<sup>\*</sup> Typical analysis in the final product as fed. <sup>1</sup> Calculated using modified Atwater's factors



# Medium Puppy Sensitive Digestion with OPTIDIGEST



# Proven to enhance digestive health and promote good faecal consistency

# **RECOMMENDED FOR**

- > A complete diet for medium size puppies and pregnant and lactating bitches (<25kg adult weight) with delicate digestion
- > Weaning and growth (up to 12 months)
- > Gestation and lactation

# **KEY BENEFITS**

# WITH CATIOIGEST



# **Easily digestible**

Formulated with highly digestible ingredients – such as egg – that ease the digestive process and compounds – such as bentonite – that promote excellent faeces quality



Improves microflora balance Contains prebiotic scientifically proven to enhance intestinal microflora balance by promoting an increase of bifidobacteria and a decrease of *Clostridium Perfringens* 



# **Promotes good quality stool**

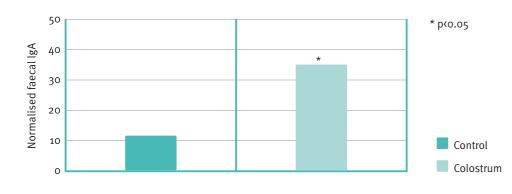
With specific ingredients to support intestinal health and stool quality

# NEW PROPIEST Sensitive Digestion PUPPY PUP

# **PROVEN RESULTS**

 Contains bovine colostrum proven to enhance intestinal production of secretory IgA and reduce the risk of upsets in puppies<sup>1</sup>

# Stimulation of intestinal IgA secretion with Colostrum



# INGREDIENTS

# **INGREDIENTS (DRY)**

**Chicken:** Chicken (20%), Dehydrated poultry protein, Maize, Soya meal, Rice (10%), Animal fat, Dried beet pulp, Digest, Maize gluten meal, Maize grits, Dried egg, Minerals, Fish oil, Dried colostrum (0.1%).

**Lamb:** Lamb (20%), Dehydrated poultry protein, Maize, Rice (10%), Soya meal, Animal fat, Dried beet pulp, Digest, Maize gluten meal, Dried egg, Maize grits, Minerals, Fish oil, Dried colostrum (0.1%).

1: Satyaraj, E. et al. (2013). Supplementation of diets with bovine colostrum influences immune function in dogs. Br J Nutr. 2013 Dec, 110(12): 2216-2:

#### **FEEDING GUIDELINES**

PUPPY GROWTH - AGE (MONTHS)				
Adult weight (kg)	1.5-3	4-5 Daily feeding q	6-8 uantity (g/day)	9-12
10	80-120	125-145	150	150
15	85-145	160-180	200-220	220
20	90-155	170-190	220-245	245-250
25	100-195	225-245	300-355	355-365

# ALSO SUITABLE FOR LARGE BREED PUPPIES WITH SENSITIVE DIGESTION FOLLOWING THESE FEEDING GUIDELINES:

PUPPY GROWTH - AGE (MONTHS)					
Adult	1.5-3	4-5	6-8	9-11	12-24
weight (kg)	Daily feeding quantity (g/day)				
25	100-200	230-250	305-360	360-370	370-Adult
35	110-220	265-315	370-490	500-520	530-540
45	125-250	285-360	415-590	610-650	660-670
60	150-350	410-530	610-780	810-865	865-875
70	420	625	955	1045	975

# **KEY NUTRIENT VALUES**

MEDIUM PUPPY SENSITIVE DIGESTION WITH OPTIDIGEST ™			
Key nutrient values*	Chicken	Lamb	
Moisture	8%	8%	
Protein	30%	30%	
Fat  - Omega-6 fatty acids  - Omega-3 fatty acids  - DHA	19% 2.8% 0.3% 0.05%	19% 2.3% 0.3% 0.05%	
Carbohydrate	32.8%	32.8%	
Crude Fibre	2.5%	2.5%	
Calcium	1.5%	1.48%	
Phosphorus	0.96%	0.49%	
Vitamin A	17678 IU/ kg	18172 IU/ kg	
Vitamin D <sub>3</sub>	997 IU/ kg	983 IU/ kg	
Vitamin E	174 IU/ kg	208 IU/ kg	
Vitamin C	60 mg/ kg	60 mg/ kg	
Metabolisable energy (ME) <sup>1</sup>	3.8 kcal/g	3.8 kcal/g	

<sup>\*</sup> Typical analysis in the final product as fed.

¹ Calculated using modified Atwater's factors



# Medium Adult Sensitive Digestion with OPTIDIGEST



# Proven to enhance digestive health and promote good faecal consistency

# **RECOMMENDED FOR**

**PROVEN RESULTS** 

loose stools

**Prebiotics** 

Bentonite

growth of beneficial

Stimulate the

bacteria

> A complete diet for medium size adult dogs with sensitive digestion

Contains inulin\*, a selected prebiotic, proven to balance intestinal microflora
Highly digestible formula specifically adapted for dogs suffering from intermittent

Inulin from

• Contains bentonite, a clay that binds excess water and helps improve faecal quality<sup>2</sup>

Lactobacilli,

bifidobacteria

DECEMBER OF THE STATE OF THE ST

Short-chain

Fatty Acids

production

Used as fuel

by enterocytes

Helps

faecal

improve

(SCFAs)

Binds extra

and harmful

bacteria

water, toxins

# **KEY BENEFITS**





# **Easily digestible**

Formulated with highly digestible ingredients – such as egg – that ease the digestive process and compounds – such as bentonite – that promote excellent faeces quality



Improves microflora balance Contains prebiotic scientifically proven to enhance intestinal microflora balance by promoting an increase of bifidobacteria and a decrease of *Clostridium Perfringens* 



**Promotes good quality stool** 

With specific ingredients to support intestinal health and stool quality

### **FEEDING GUIDELINES**

DAILY FEEDING QUANTITY (ADULT MAINTENANCE)		
Body weight (kg)	g/day ∢1h activity	g/day 1 to 3h activity
10-15 kg	175-230	205-265
15- 20 kg	230-280	265-320
20-25 kg	280-325	320-375

# ALSO SUITABLE FOR LARGE BREED PUPPIES WITH SENSITIVE DIGESTION FOLLOWING THESE FEEDING GUIDELINES:

DAILY FEEDING QUANTITY (ADULT MAINTENANCE)		
Body weight (kg)	g/day <1h activity	g/day 1 to 3h activity
25-35 kg	335-420	385-480
35-45 kg	420-500	480-570
45-70 kg	500-670	570-765

# **INGREDIENTS**

# INGREDIENTS (DRY)

**Chicken:** Chicken (19%), maize, Dehydrated poultry protein, Maize grits, Rice (8%), Dried beet pulp, Soya meal, Animal fat, Digest, Maize gluten meal, Dried egg, Minerals, Fish oil. **Lamb:** Lamb (19%), Maize, Dehydrated poultry protein, Maize grits, Rice (8%), Animal fat, Dried beet pulp, Soya meal, Digest, Maize gluten meal, Dried egg, Minerals, Fish oil.

Pro

LAN

ADULT

**PRODUCT** 



1.5kg, 3kg, 7kg, 14kg, 14+2.5kg and 18kg

# **KEY NUTRIENT VALUES**

MEDIUM ADULT SENSITIVE DIGESTION WITH OPTIDIGEST™		
Key nutrient values*	Chicken	Lamb
Moisture	8%	8%
Protein	26%	26%
Fat  – Omega-6 fatty acids  – Omega-3 fatty acids  – DHA	16% 2.6% 0.3%	16% 2.2% 0.3% 0.05%
Carbohydrate	40%	40%
Crude Fibre	2.5%	2.5%
Calcium	1.38%	1.46%
Phosphorus	0.87%	0.81%
Vitamin A	22027 IU/ kg	21895 IU/ kg
Vitamin D <sub>3</sub>	1037 IU/ kg	996 IU/ kg
Vitamin E	472 IU/ kg	473 IU/ kg
Vitamin C	70 mg/ kg	70 mg/ kg
Metabolisable energy (ME) <sup>1</sup>	3.6 kcal/g	3.6 kcal/g

<sup>\*</sup> Typical analysis in the final product. ¹ Calculated using modified Atwater's factors

<sup>\*</sup>From chicory roo

<sup>&</sup>lt;sup>2</sup>Hernot, D. *et al.* (2008). Prebiotics and Synbiotics in Companion Animal Science. In: Versalovic, J., Wilson, M. (eds.). Therapeutic Microbiology: Probiotics and Other Strategies. *ASM Press*, Washington, DC. Pp. 357-370.



# **Large Athletic Adult Sensitive** Digestion with OPTIDIGEST



# Proven to enhance digestive health and promote good faecal consistency

# **RECOMMENDED FOR**

> A complete diet for large size adult dogs with an athletic physique with sensitive digestion

# **KEY BENEFITS**

# WITH CATIDIGEST



# **Easily digestible**

Formulated with highly digestible ingredients – such as egg that ease the digestive process and compounds – such as bentonite – that promote excellent faeces quality



**Improves microflora balance** Contains prebiotic scientifically proven to enhance intestinal microflora balance by promoting an increase of bifidobacteria and a decrease of *Clostridium* Perfringens



# **Promotes good quality stool**

With specific ingredients to support intestinal health and stool quality

#### **FEEDING GUIDELINES**

DAILY FEEDING QUANTITY (ADULT MAINTENANCE)			
Body weight (kg)	g/day <1h activity	g/day 1 to 3h activity	
25-35 kg	345-430	430-540	
35-45 kg	430-510	540-640	
45-60 kg	510-620	640-775	
60-70 kg	620-685	775-860	
70-90 kg	685-815	860-1015	

# **INGREDIENTS**

# **INGREDIENTS (DRY)**

Lamb (19%), Maize, Dehydrated poultry protein, Rice (8%), Animal fat, Maize grits, Dried Beet Pulp, Soya meal, Maize gluten meal, Digest, Dried egg, Minerals, Fish oil.

# **PRODUCT**



3kg, 14kg, 14+2.5kg and 18kg

# **PROVEN RESULTS**

- Contains inulin\*, a selected prebiotic, proven to balance intestinal microflora
- Highly digestible formula specifically adapted for dogs suffering from intermittent loose stools
- Contains bentonite, a clay that binds excess water and helps improve faecal quality<sup>2</sup>



Lactobacilli,

bifidobacteria

growth of beneficial bacteria

Bentonite







Binds extra and harmful bacteria



(SCFAs)

production



Used as fuel

by enterocytes

DISTRIBUTION DESCRIPTION DESCRIPTION OF THE PROPERTY DESCRIPTION D

#### **KEY NUTRIENT VALUES**

LARGE ATHLETIC ADULT SENSITIVE DIGESTION WITH OPTIDIGEST™		
Key nutrient values*	Lamb	
Moisture	8%	
Protein	28%	
Fat  - Omega-6 fatty acids  - Omega-3 fatty acids  - DHA	18% 2.3% 0.4%	
Carbohydrate	36.5%	
Crude Fibre	2%	
Calcium	1.35%	
Phosphorus	0.84%	
Vitamin A	20670 IU/ kg	
Vitamin D <sub>3</sub>	970 IU/ kg	
Vitamin E	472 IU/ kg	
Vitamin C	70 mg/ kg	
Metabolisable energy (ME) <sup>1</sup>	3.7 kcal/g	

<sup>\*</sup> Typical analysis in the final product.

¹ Calculated using modified Atwater's factors

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<sup>&</sup>lt;sup>2</sup>Hernot, D. *et al.* (2008). Prebiotics and Synbiotics in Companion Animal Science. In: Versalovic, J., Wilson, M. (eds.). Therapeutic Microbiology: Probiotics and Other Strategies. ASM Press, Washington, DC. Pp. 357-370.



# **Large Adult Robust Sensitive** Digestion with OPTIDIGEST



# Proven to enhance digestive health and promote good faecal consistency

# **RECOMMENDED FOR**

> A complete diet for large size adult dogs with a robust physique with sensitive digestion

# **KEY BENEFITS**

# WITH CATIOIGEST



# **Easily digestible**

Formulated with highly digestible ingredients – such as egg that ease the digestive process and compounds – such as bentonite – that promote excellent faeces quality



**Improves microflora balance** Contains prebiotic scientifically proven to enhance intestinal microflora balance by promoting an increase of bifidobacteria and a decrease of *Clostridium* Perfringens



# **Promotes good quality stool**

With specific ingredients to support intestinal health and stool quality

### **FEEDING GUIDELINES**

DAILY FEEDING QUANTITY (ADULT MAINTENANCE)		
Body weight (kg)	g/day ∢1h activity	g/day 1 to 3h activity
10-15 kg	175-230	205-265
15-20 kg	230-280	265-320
20-25 kg	280-325	320-375
60-70 kg	500-555	670-740
70-90 kg	555-655	740-875

# **INGREDIENTS**

# **INGREDIENTS (DRY)**

Lamb (19%), Maize, Dehydrated poultry protein, Rice (12%), Maize grits, Dried beet pulp, Digest, Maize gluten meal, Animal fat, Dried egg, Minerals, Fish oil, Soybean oil.



**PRODUCT** 

3kg, 14kg, 14+2.5kg and 18kg

# **PROVEN RESULTS**

- Contains inulin\*, a selected prebiotic, proven to balance intestinal microflora
- Highly digestible formula specifically adapted for dogs suffering from intermittent
- Contains bentonite, a clay that binds excess water and helps improve faecal quality<sup>2</sup>

# **Prebiotics** Short-chain Inulin from

Stimulate the growth of beneficial bacteria

Bentonite







Binds extra

and harmful

bacteria

water, toxins













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# **KEY NUTRIENT VALUES**

LARGE ADULT ROBUST SENSITIVE DIGESTION WITH OPTIDIGEST™		
Key nutrient values*	Lamb	
Moisture	8%	
Protein	27%	
Fat	12.5%	
– Omega-6 fatty acids	1.9%	
<ul><li>– Omega-3 fatty acids</li><li>– DHA</li></ul>	0.4%	
Carbohydrate	43%	
Crude Fibre	2%	
Calcium	1.43%	
Phosphorus	0.81%	
Vitamin A	19532 IU/ kg	
Vitamin D <sub>3</sub>	932 IU/ kg	
Vitamin E	475 IU/ kg	
Vitamin C	70 mg/ kg	
Metabolisable energy (ME) <sup>1</sup>	3.5 kcal/g	

<sup>\*</sup> Typical analysis in the final product as fed. <sup>1</sup> Calculated using modified Atwater's factors

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<sup>&</sup>lt;sup>2</sup>Hernot, D. *et al.* (2008). Prebiotics and Synbiotics in Companion Animal Science. In: Versalovic, J., Wilson, M. (eds.). Therapeutic Microbiology: Probiotics and Other Strategies. ASM Press, Washington, DC. Pp. 357-370.



# Junior Cat DELICATE with OPTIDIGEST (Dry)



# OPTIDIGEST® - Proven to promote digestive health thanks to prebiotics

# **RECOMMENDED FOR**

- > A complete diet for kittens with sensitive digestion
- > Kittens with sensitive digestion or fussy appetite from 6 weeks to 1 year
- > Pregnant and nursing queens

# **KEY BENEFITS**



Supports healthy bones and muscles growth

Contains high levels of proteins (40%) and minerals such as calcium and phosphorus, for growth and development



**Highly digestible for cats with sensitive digestion**Formulated with highly digestible ingredients and prebiotics



Highly palatable recipe To satisfy fussy kittens



Helps support healthy vision and brain development

# **PRODUCT** 400g, 1.5kg, 3kg and 10kg

# **FEEDING GUIDELINES**

DAILY FEEDING QUANTITY		
Age (weeks)	Daily feeding quantity (g)	
6 - 12	20 - 75	
12 - 26	45 - 100	
26 - 52	100 - 150	

# **INGREDIENTS**

# INGREDIENTS (DRY)

Turkey (17%), maize gluten meal, rice (17%), pea protein concentrate, dehydrated turkey protein, animal fat, maize starch, dried chicory root (2%), maize, minerals, digest, yeast,

# **KEY NUTRIENT VALUES**

DELICATE JUNIOR WITH OPTIDIGEST	
Key nutrient values*	Dry
Moisture	6%
Protein	40%
Fat	20.0%
– Omega-6 fatty acids	3.20%
- Omega-3 fatty acids	0.45%
Carbohydrate	25.5%
Crude fibre	1.5%
Calcium	1.25%
Phosphorus	1.09%
Vitamin A	22818 IU/ kg
Vitamin D <sub>3</sub>	1023 IU/kg
Vitamin E	677 mg/kg
Vitamin C	70 mg/kg
Taurine	1371 mg/kg
Metabolisable energy (ME) <sup>1</sup>	3.9 kcal/g

<sup>\*</sup> Typical analysis in the final product as fed.



# Adult Cat DELICATE with OPTIRENAL (Dry)



# OPTIRENAL is a special combination of nutrients including antioxidants, arginine and omega-3 fatty acids

# **RECOMMENDED FOR**

- > A complete dry diet for sensitive adult cats
- > Adult cats with sensitive digestion from 1 to 7 years

# **KEY BENEFITS**



Supports a healthy immune system

Contains high levels of proteins (40%) and vitamins E & C



Helps improve food tolerance

Formulated with a restricted number of protein sources and high quality ingredient



Highly palatable recipe

Made with high quality ingredients and a special palatable kibble coating

# PRODUCT NEW PROPLAN DELICATE OFFICE NATIONAL STATES AND AND ADDRESS AND AD

# **FEEDING GUIDELINES**

DAILY FEEDING QUANTITY (ADULT MAINTENANCE)	
Body weight (kg)	Daily feeding quantity (g)
2-4	30-60
4-6	60-90
6-8	90-120

#### **INGREDIENTS**

#### **INGREDIENTS (DRY)**

With turkey: Turkey (18%), rice, maize gluten meal, pea protein concentrate, dehydrated turkey protein, animal fat, dried egg, maize starch, maize, minerals, fish oil, digest, yeast. With lamb: Lamb (17%), dehydrated chicken protein, rice, maize gluten meal, pea protein concentrate, animal fat, maize, maize starch, dried egg, dried chicory root, minerals, fish oil, digest, yeast.

# **KEY NUTRIENT VALUES**

ADULT CAT DELICATE WITH OPTIRENAL (DRY DIET)	
Key nutrient values*	Dry
Moisture	6%
Protein	40%
Fat  - Omega-6 fatty acids  - Omega-3 fatty acids	18.0% 3.08% 0.61%
Carbohydrate	28%
Crude fibre	1.0%
Calcium	1.1%
Phosphorus	1.1%
Vitamin A	22 658 IU/kg
Vitamin D <sub>3</sub>	1286 IU/kg
Vitamin E	603 mg/kg
Vitamin C	70 mg/kg
Taurine	1595 mg/kg
Metabolisable energy (ME) <sup>1</sup>	3.9 kcal/g

<sup>\*</sup> Typical analysis in the final product as fed.

¹Calculated using modified Atwater's fact





# **Adult Cat Delicate NUTRISAVOUR (Wet)**



# Proven to promote digestive health

# **RECOMMENDED FOR**

- > A complete wet diet for adult cats
- > Adult cats with either sensitive digestion or sensitive skin
- > Tender pieces with oceanfish or turkey in gravy, made with a proprietary technology

# **KEY BENEFITS (POUCHES)**



Proven to promote digestive health With prebiotic (inulin), proven to promote a healthy digestive system



Helps reduce skin reactions associated with food sensitivity With adapted levels of EPA+DHA for inflammation management



Highly palatable recipe Made with high quality ingredients

# **PRODUCT**







Tender pieces in gravy 85g pouch



Tender pieces in gravy 85g pouch



Turkey mousse 85g can

# **FEEDING GUIDELINES**

DAILY FEEDING QUANTITY (ADULT MAINTENANCE)	
Body Weight (kg)	Pouches/day <sup>4</sup>
2	2
4	3
6	5

<sup>&</sup>lt;sup>4</sup> To be fed in at least two separate meals.

For an average adult cat of 4kg, feed 2 to 3 cans per day in separate meals.

# **INGREDIENTS**

#### **INGREDIENTS (DRY)**

With oceanfish: Meat and animal derivatives, vegetable protein extracts, fish and fish derivatives derivatives (of which 4% oceanfish), oils and fats, derivatives of vegetable origin, minerals, various sugars.

With turkey: Meat and animal derivatives (of which 4% Turkey), vegetable protein extracts, fish and fish derivatives, oils and fats, derivatives of vegetable origin, minerals, various sugars.

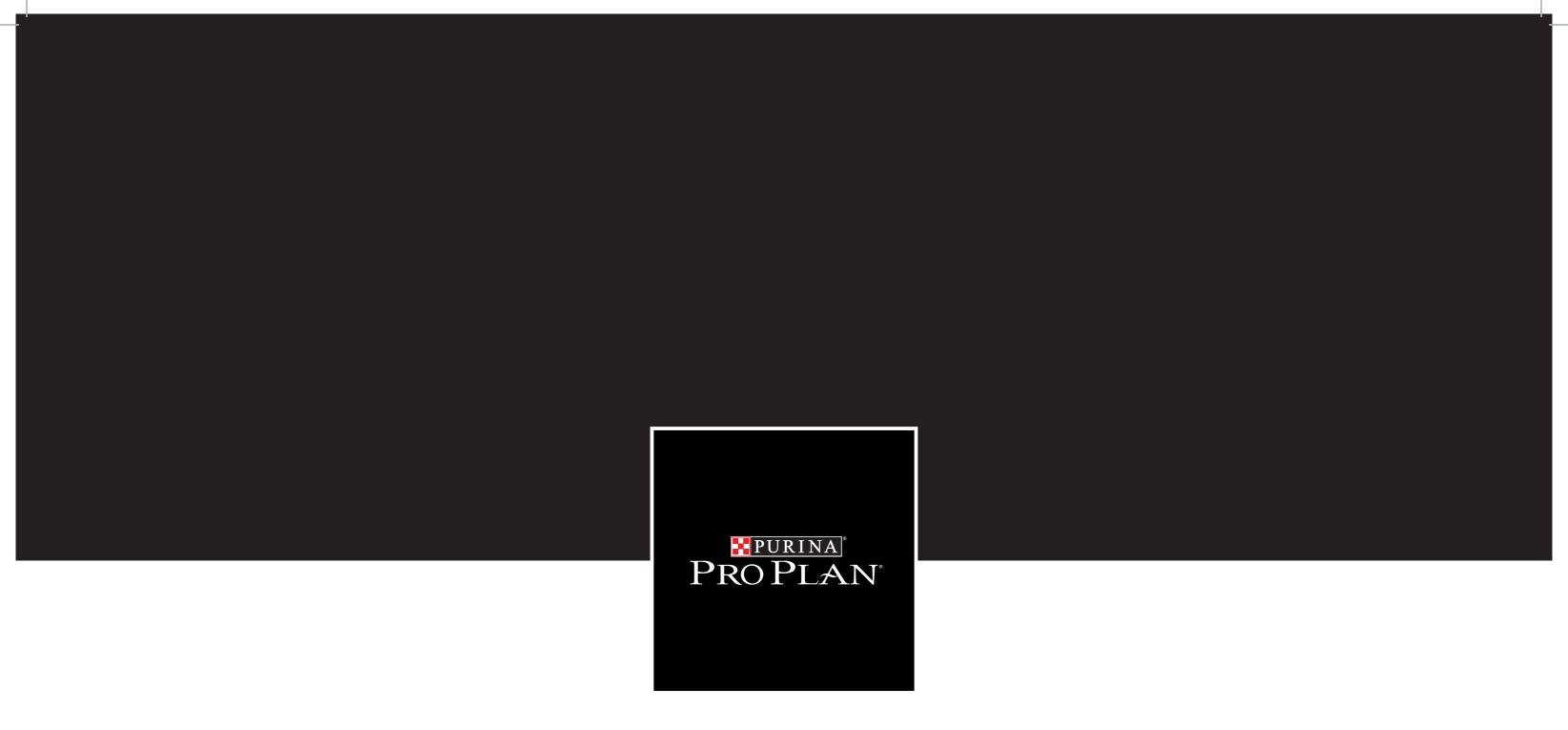
# **KEY NUTRIENT VALUES**

	Wet	Wet
Key nutrient values <sup>2</sup>	Wet (pouch)¹	(can)
Moisture	78%	77.5%
Protein	12.6%	11.0%
Fat	3.8%	80.5%
- Omega-6 fatty acids	1.1%	1.4%
– Omega-3 fatty acids	0.1%	0.1%
Carbohydrate	3%	0.3%
Crude fibre	0.3%	0.01%
Calcium	0.24%	0.3%
Phosphorus	0.28%	0.31%
Vitamin A	30448.5 IU/kg	1645IU/kg
Vitamin D <sub>3</sub>	3090 IU/kg	2210 IU/kg
Vitamin E	341 IU/kg	180 IU/kg
Taurine	680.9 mg/kg	2000mg/kg
Metabolisable energy (ME) <sup>3</sup>	o.87 kcal/g	1.12 kcal/g



<sup>&</sup>lt;sup>1</sup> Average of the two varieties. <sup>2</sup> Typical analysis in the final product. <sup>3</sup> Calculated using modified Atwater's factors.





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To find out how to transform management of GI disturbances, please contact your PURINA® representative.