

DESCRIPTION

Advanced Protocol® Low Residue Canine Surgery Mix is a Constant Nutrition® powdered diet low in fiber designed to be mixed with water and fed to canines in preparation for surgery under conditions when it is desired to minimize gut-fill. In some situations it may be desired to feed this product during a period of 24 to 48 hours prior to surgery, followed by a fast for 24 hours before surgery.

Features and Benefits

- Highly digested, low residue in gut
- Complete nutrition containing all nutrients known to be required by canines

Product Forms Available

- Powder

GUARANTEED ANALYSIS

Crude protein not less than	16.0%
Crude fat not less than	8.0%
Crude fiber not more than	1.0%
Ash not more than	4.0%

INGREDIENTS

Rice flour, casein, porcine animal fat preserved with BHA, dried whey, sucrose, dicalcium phosphate, calcium acetate, potassium chloride, salt, choline bitartrate, maltodextrin, magnesium oxide, ferrous sulfate, dl-alpha tocopheryl acetate, inositol, aminobenzoic acid, nicotinic acid, vitamin A acetate, calcium pantothenate, vitamin B₁₂ supplement, pyridoxine hydrochloride, thiamin mononitrate, riboflavin, cholecalciferol, folic acid, menadione dimethylpyrimidinol bisulfite (vitamin K), biotin, manganous oxide, ferrous carbonate, cobalt carbonate, calcium iodate, copper sulfate, zinc sulfate, zinc oxide, sodium selenite.

FEEDING DIRECTIONS

Mix with an appropriate amount of water immediately prior to feeding the animal. It may be necessary to mix using a wire "whip". A mixture of 37.5% water and 62.5% diet will yield a mixture with the consistency of mashed potatoes. A mixture of 43% water and 57% diet is smooth and will flow to level. At the above ratio there will be settling out of solid parts of the diet.

CHEMICAL COMPOSITION¹

Nutrients²

Protein, %	16.7
Arginine, %	0.86
Cystine, %	0.12
Glycine, %	0.79
Histidine, %	0.43
Isoleucine, %	1.18
Leucine, %	1.63
Lysine, %	1.14
Methionine, %	0.49
Phenylalanine, %	0.95
Tyrosine, %	1.04
Threonine, %	0.72
Tryptophan, %	0.21
Valine, %	1.22
Serine, %	0.56
Aspartic Acid, %	0.83
Glutamic Acid, %	2.22
Alanine, %	0.37
Proline, %	0.97
Taurine, %	0.00

Fat (ether extract), % .8.3

Fat (acid hydrolysis), % .8.3

Cholesterol, ppm .5199

Linoleic Acid, % .0.72

Linolenic Acid, % .0.02

Arachidonic Acid, % .0.03

Omega-3 Fatty Acids, % .0.01

Total Saturated Fatty Acids, % .3.21

Total Monounsaturated

Fatty Acids, % .4.33

Fiber (Crude), % .0.7

Neutral Detergent Fiber³, % .0.0

Acid Detergent Fiber⁴, % .0.7

Nitrogen-Free Extract

(by difference), % .61.7

Starch, % .0.00

Glucose, % .0.00

Fructose, % .0.00

Sucrose, % .10.00

Lactose, % .3.2

Total Digestible Nutrients, % .85.7

Gross Energy, kcal/gm .4.31

Physiological Fuel Value⁵,

kcal/gm .3.88

Metabolizable Energy,

kcal/gm .3.17

Minerals

Ash, % .2.6

Calcium, % .0.86

Phosphorus, % .0.53

Phosphorus (non-phytate), % .0.49

Potassium, % .0.56

Magnesium, % .0.04

Sulfur, % .0.17

Sodium, % .0.25

Chlorine, % .0.85

Flourine, ppm .0.03

Iron, ppm .175

Zinc, ppm .140

Manganese, ppm .140

Copper, ppm .20

Cobalt, ppm .0.40

Iodine, ppm .1.4

Chromium, ppm .0.01

Selenium, ppm .0.12

Vitamins

Carotene, ppm .0.0

Vitamin K (as menadione), ppm .1.2

Thiamin Hydrochloride, ppm .8.6

Riboflavin, ppm .8.7

Niacin, ppm .0.55

Pantothenic Acid, ppm .23

Choline Chloride, ppm .1700

Folic Acid, ppm .2.6

Pyridoxine, ppm .8.7

Biotin, ppm .0.27

B₁₂, mcg/kg .130

Vitamin A, IU/gm .15

Vitamin D₃ (added), IU/gm .2.0

Vitamin E, IU/kg .150

Ascorbic Acid, mg/gm .—

Calories provided by:

Protein, % .17.203

Fat (ether extract), % .19.238

Carbohydrates, % .63.559

*Product Code

1. Based on the latest ingredient analysis information. Since nutrient composition of natural ingredients varies, analysis will differ accordingly.
2. Nutrients expressed as percent of ration except where otherwise indicated. Moisture content is assumed to be 10.0% for the purpose of calculations.
3. NDF = approximately cellulose, hemi-cellulose and lignin.
4. ADF = approximately cellulose and lignin.
5. Physiological Fuel Value (kcal/gm) = Sum of decimal fractions of protein, fat and carbohydrate (use Nitrogen Free Extract) x 4,9,4 kcal/gm respectively.