

DESCRIPTION

Advanced Protocol™ Low Residue Porcine Surgery Mix is a Constant Nutrition™ powdered diet low in fiber designed to be mixed with water and fed to porcine 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 porcine

Product Forms Available

- Powder

GUARANTEED ANALYSIS

Crude protein not less than	15.0%
Crude fat not less than	7.5%
Crude fiber not more than	1.0%
Ash not more than	5.0%

INGREDIENTS

Rice flour, sucrose, casein, animal fat preserved with BHA, dried whey, dicalcium phosphate, calcium acetate, potassium chloride, salt, choline bitartrate, maltodextrin, magnesium oxide, ferrous sulfate, dl-alpha tocopheryl acetate (source of vitamin E), inositol, aminobenzoic acid, nicotinic acid, vitamin A acetate, calcium pantothenate, cyanocobalamin (source of vitamin B₁₂), pyridoxine hydrochloride, thiamin mononitrate, riboflavin, cholecalciferol (source of vitamin D₃), folic acid, menadione dimethylpyrimidinol bisulfite (source of vitamin K), biotin, manganous oxide, zinc oxide, ferrous carbonate, copper sulfate, zinc sulfate, calcium iodate, calcium carbonate, cobalt carbonate, 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		Sulfur, %	0.13
Protein, %	15.1	Sodium, %	0.25
Arginine, %	0.74	Chlorine, %	0.84
Cystine, %	0.10	Fluorine, ppm	0.03
Glycine, %	0.63	Iron, ppm	175
Histidine, %	0.40	Zinc, ppm	140
Isoleucine, %	1.06	Manganese, ppm	135
Leucine, %	1.49	Copper, ppm	20
Lysine, %	1.08	Cobalt, ppm	0.48
Methionine, %	0.45	Iodine, ppm	2.2
Phenylalanine, %	0.85	Chromium, ppm	0.01
Tyrosine, %	0.92	Selenium, ppm	0.12
Threonine, %	0.66		
Tryptophan, %	0.19	Vitamins	
Valine, %	1.13	Carotene, ppm	0.0
Serine, %	0.56	Vitamin K (as menadione), ppm	1.2
Aspartic Acid, %	0.83	Thiamin Hydrochloride, ppm	8.6
Glutamic Acid, %	2.22	Riboflavin, ppm	8.7
Alanine, %	0.37	Niacin, ppm	38
Proline, %	0.97	Pantothenic Acid, ppm	22
Taurine, %	0.00	Choline Chloride, ppm	1700
Fat (ether extract), %	8.0	Folic Acid, ppm	2.6
Fat (acid hydrolysis), %	8.0	Pyridoxine, ppm	7.3
Cholesterol, ppm	3739	Biotin, ppm	0.30
Linoleic Acid, %	0.68	B ₁₂ , mcg/kg	130
Linolenic Acid, %	0.01	Vitamin A, IU/gm	15
Arachidonic Acid, %	0.04	Vitamin D ₃ (added), IU/gm	2.0
Omega-3 Fatty Acids, %	0.02	Vitamin E, IU/kg	150
Total Saturated Fatty Acids, %	3.01	Ascorbic Acid, mg/gm	—
Total Monounsaturated Fatty Acids, %	3.60		
Fiber (Crude), %	0.5	Calories provided by:	
Neutral Detergent Fiber ³ , %	0.0	Protein, %	15.961
Acid Detergent Fiber ⁴ , %	0.5	Fat (ether extract), %	18.740
Nitrogen-Free Extract (by difference), %	61.8	Carbohydrates, %	65.299
Starch, %	0.00	*Product Code	
Glucose, %	0.00	1. Based on the latest ingredient analysis information. Since nutrient composition of natural ingredients varies, analysis will differ accordingly.	
Fructose, %	0.00	2. Nutrients expressed as percent of ration except where otherwise indicated. Moisture content is assumed to be 10.0% for the purpose of calculations.	
Sucrose, %	20.00	3. NDF = approximately cellulose, hemi-cellulose and lignin.	
Lactose, %	3.16	4. ADF = approximately cellulose and lignin.	
Total Digestible Nutrients, %	89.7	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.	
Gross Energy, kcal/gm	4.49		
Physiological Fuel Value⁵, kcal/gm	3.79		
Metabolizable Energy, kcal/gm	3.44		
Minerals			
Ash, %	4.6		
Calcium, %	0.86		
Phosphorus, %	0.51		
Phosphorus (non-phytate), %	0.48		
Potassium, %	0.55		
Magnesium, %	0.04		