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VITAREAL 75

DISCOVER THE POWER OF ONE PROTEIN

Gives you more, because it gives them more.

Vitareal 75 is a natural source of high-purity, high density corn protein that is designed to deliver transformational results to your pet food products. Our dedicated supply chain and quality-assurance focus ensure product integrity, every shipment, every time. Vitareal 75 is a consistent, valuable source of low-ash, highly digestible protein that is rich in nutrients, antioxidants and carotenoids. Vitareal 75 promotes superior texture and physical characteristics in your pet food products, and it's proven to require less water and energy than other comparable ingredients when used in extrusion and baking applications.

AAFCO 48.89 Corn Protein Concentrate

TYPICAL ANALYSIS (AS-IS BASIS)

Protein %	75.6%	Ash %	1.3%
Fat, Acid Hydrolysis %	4.7%	Starch % / Carbohydrates %	0.5% / 5.3%
Crude Fiber %	0.7%	Density, lb/cu ft	38-40
TDF %	5.0%	Linoleic Acid %	2.55%
Moisture %	9.5%		

NUTRITIONAL INFORMATION

Metabolizable Energy

ME, kcal/kg (calculated) 3315

Amino Acid Content

Content	As-Is	% Protein
Alanine	6.17	8.16
Arginine	2.28	3.02
Aspartic Acid	4.24	5.62
Cystine	1.15	1.52
Glutamic Acid	15.29	20.26
Glycine	1.79	2.37
Histidine	1.55	2.06
Isoleucine	3.06	4.06
Leucine	12.63	16.73
Lysine	1.08	1.43
Methionine	1.64	2.16
Phenylalanine	4.65	6.16
Proline	6.68	8.84
Serine	3.47	4.60
Threonine	2.25	2.98
Tryptophan	0.32	0.42
Tyrosine	3.95	5.24
Valine	3.36	4.45

Vitamins (mg/kg)

Vitamin A (Retinol)	13.4
Choline	190
Niacin	46.9
Pantothenic Acid	1.88
Pyroxidine (B6)	5.45
Riboflavin (B2)	2.73
Thiamine (B1)	0.41
Biotin	0.18
Inositol	1604

Carotenoids/Antioxidants (ppm)

cis-Lutein	51-63
trans-Lutein	127-159
cis-Zeaxanthin	25-31
trans-Zeaxanthin	94-117
alpha-Cryptoxanthin	22-28
beta-Cryptoxanthin	13-16
alpha-Carotene	3-3.5
beta-Carotene	20-25

Minerals

Calcium %	0.05%
Potassium %	0.26%
Phosphorous %	0.24%
Magnesium %	0.05%
Chloride %	0.29%
Sulfur %	1.04%
Sodium %	0.25%
Iron, ppm	73.6
Zinc, ppm	47.9
Manganese, ppm	4.3
Copper, ppm	11.1
Chromium, ppm	0.00
Molybdenum, ppm	1.03
Selenium, ppm	1.97
Iodine	<5.0

VITAREAL

75

dependably pure.