

BAGGING: Multi-walled, 1 mil poly-lined, draft paper bags, suitable for export, 40 pounds net weight each.

ANALYSIS/ TYPICAL RANGE:	Moisture:	5.0-10.0	Total P %:	0.5-0.7
	Crude protein:	66-72.0	Total C %:	0.1-0.4
	Crude fat:	8.0-15.0	Chloride CL NA%:	2.0-2.5
	Crude fiber:	0.1-1.0	Fe ppm:	40.0-50.0
	Crude ash:	4.0-9.0	Solubility / H ₂ O %:	83.0-85.0
			Pepsin digest. %:	95.0-97.0+

Ash not more than 9.0%

Total plate count under 100,000/g

Salmonella, Negative/25g

TYPICAL ANALYSIS, PROTEIN

Amino Acids	% of Protein
Tryptophan	0.69
Aspartic Acid	6.68
Threonine	3.10
Serine	3.80
Glutamic Acid	9.64
Proline	3.46
Hydroxyproline	2.00
Glycine	6.91
Alanine	4.92
Cystine	0.64
Valine	3.32
Methionine	1.74
Isoleucine	2.80
Leucine	5.61
Tyrosine	2.36
Phenylalanine	2.88
Histidine	1.51
Lysine	5.70
Arginine	5.91
Taurine	0.79

VITAMINS

Vitamin A IU/gm	1.4
Vitamin E mg/kg	700
Thiamine mg/kg	13
Riboflavin mg/kg	10
Pantothenic Acid mg/kg	30
Biotin mcg/kg	0.2
Folic Acid mcg/kg	0.2
Choline mg/kg	3000
Vitamin b ₁₂ mg/kg	140
Niacin mg/kg	NA

Ruminant TDN %	90.0
Ruminant Digest. Prot.	79.8
Poultry P.E.	NA

TYPICAL ANALYSIS, FAT

Fatty Acids	% of fat
8:0 Caprylic	LT 0.01
10:0 Capric	LT 0.01
12:0 Lauric	0.09
14:0 Myristic	3.21
14:1 Myristoleic	0.23
15:0 Pentadecanoic	0.43
15:1 Pentadecenoic	LT 0.01
16:0 Palmitic	14.30
16:1 Palmitoleic	7.96
17:0 Heptadecanoic	LT 0.01
17:1 Heptadecenoic	1.00
18:0 Stearic	3.76
18:1 Oleic	28.90
18:2 Linoleic	2.41
20:0 Arachidic	0.26
18:3 Linolenic	LT 0.01
20:1 Eicosenoic	4.84
20:2 Eicasadienoic	0.16
22:0 Behenic	0.15
20:3 Eicosattienoic	LT 0.01
20:4 Arachidonic	3.53
22:1 Erucic	LT 0.01
20:5 Eicosapentaenoic	10:20
24:0 Lignoceric	LT 0.01
22:6 Docoshezaenoic	6.51

MINERALS

Sodium%	1.0
Potassium %	1.3
Magnesium %	0.01
Sulphur	NA
Manganese ppm	5.0
Iron ppm	40.0
Copper ppm	4.0
Zinc ppm	15.0
Selenium ppm	1.0

Swine M.E. cal/kg	3845
Swine TDN%	100