



Soy-Max Meal Nutrient Analysis (2018)

Typical Analysis

Dry Matter:	96.0%
Crude Protein:	42.0%
Crude Fat:	7.0%
Crude Fiber:	7.0%
Ash:	6.0%

Quality Indicators*

Urease Activity:	0.02 pH
Protein Solubility:	80.2%
Trypsin Inhibitor:	4.9 mg/g
Ave. Particle Size:	700-900 microns

Mineral Composition**

Calcium:	0.21%
Phosphorus:	0.77%
Sodium:	0.01%
Magnesium:	0.27%
Potassium:	2.22%
Sulphur:	0.30%
Copper:	12 ppm
Manganese:	33 ppm
Zinc:	55 ppm
Iron:	118 ppm

Energy Content (Estimated)

Poultry AME :	3,450 kcal/kg
Swine ME:	3,740 kcal/kg
Swine NE (NRC):	2,598 kcal/kg

Amino Acids (Total)*** Poultry Dig Amino Acids (Est) Swine Dig Amino Acids***

Arginine:	2.79%	Arginine:	2.56%	Arginine:	2.67%
Histidine:	1.27%	Histidine:	1.16%	Histidine:	1.01%
Isoleucine:	1.70%	Isoleucine:	1.56%	Isoleucine:	1.47%
Leucine:	3.02%	Leucine:	2.77%	Leucine:	2.71%
Lysine:	2.72%	Lysine:	2.50%	Lysine:	2.51%
Methionine:	0.56%	Methionine:	0.51%	Methionine:	0.51%
Cysteine:	0.72%	Cysteine:	0.66%	Cysteine:	0.56%
Phenylalanine:	1.97%	Phenylalanine:	1.81%	Phenylalanine:	1.78%
Tyrosine:	1.29%	Tyrosine:	1.18%	Tyrosine:	1.16%
Threonine:	1.57%	Threonine:	1.44%	Threonine:	1.35%
Tryptophan:	0.50%	Tryptophan:	0.45%	Tryptophan:	0.42%
Valine:	1.82%	Valine:	1.67%	Valine:	1.51%
Proline:	2.51%	Proline:	2.30%	Proline:	2.26%
Glycine:	1.64%	Glycine:	1.50%	Glycine:	1.46%
Alanine:	2.01%	Alanine:	1.84%	Alanine:	1.76%
Glutamic Acid:	7.27%	Glutamic Acid:	6.68%	Glutamic Acid:	6.61%

*Shur-Gain Laboratory, St. Hyacinthe, Quebec 2018

**Central Testing Laboratory Ltd, Winnipeg, Manitoba, August 2017

***University of Manitoba, Dept. of Animal Science, August 2018

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