



Obtained by a 100% mechanical process, this soybean meal combines consistency and performances for your rations.



Concentrated organic formula

Typical analysis

	As received	100% DM
Dry Matter (DM) - %	93.2	100
Moisture - %	7.46	0
Crude protein (CP) - %	47.14	50.58
Soluble Protein - % CP		18.11
Undegradable protein - % CP		51.71
Crude fat - %	5.71	6.13
Fat after acid hydrolysis - %	6.46	6.94
Crude Fiber - %	5.76	6.18
Acid Detergent Fiber (ADF) - %	8.14	8.73
Neutral Detergent Fiber (NDF) - %	10.51	11.28
AD-ICP - % CP		0.96
ND-ICP - % CP		2.05
ADL - % NDF		13.20
ADL - %	1.39	1.49
Ash - %	6.02	6.46
Starch - %	0.87	0.93
Water Soluble Sugars - %	15.7	16.9
Soluble protein (KOH) - %		80.8
Urease - Δ pH Unit		0.037
Trypsin Inhibitor Activity - mg/g	4.95	5.31
NSC (Non-Structural Carbohydrates) - %	16.6	17.8
NFC (Non-Fiber Carbohydrates) - %	23.0	24.7
Gross Energy Calculated (INRA) - Kcal/kg	4594	4929
AME Poultry (CRSAD 2019) - Kcal/kg	3364	3610
AMEn Poultry (CRSAD 2019) - Kcal/kg	3181	3413
AME Poultry/GE Inra - %		73.2
AMEn Poultry/GE Inra - %		69.2
Swine Energy digestibility (Research review) - %		89.1
ME/DE Swine (Research review) - %		94.8
DE Swine Review - Kcal/kg	4092	4390
ME Swine Review - Kcal/kg	3880	4163
NE Swine Inra - kcal/kg	2498	2680
TDN calculated* - %	79.50	85.30
NEI 3X Calculated - Mcal/kg	2.15	2.31
NEg 3X Calculated* - Mcal/kg	1.60	1.72
NEm 3X Calculated* - Mcal/kg	2.27	2.44
Particulate size XL - μm		1000-1250
Particulate size Fine - μm		850-1050

Amino acids

	As received	100% DM	AID Swine***	SID Swine***	SID Poultry****
Crude protein digestibility (CP) - %			79.6	90.8	88.0
Total Amino Acids** - %	46.83	50.24			
Cystine (CYS) - %	0.65	0.70	78.4	85.4	81.1
Methionine (MET) - %	0.56	0.61	89.0	93.3	92.5
Methionine and Cysteine (M&C) - %	1.22	1.30	83.3	89.1	86.4
Lysine (LYS) - %	3.02	3.24	88.3	91.4	88.9
Alanine (ALA) - %	2.01	2.16	82.6	89.6	87.5
Aspartic Acid (ASP) - %	5.29	5.68	86.6	89.1	87.7
Glutamic Acid (GLU) - %	8.73	9.37	90.2	92.2	91.6
Glycine (GLY) - %	1.97	2.12	70.9	96.8	77.8
Isoleucine (ILE) - %	2.24	2.41	88.5	91.7	90.1
Leucine (LEU) - %	3.64	3.90	87.6	91.2	89.8
Proline (PRO) - %	2.46	2.64	68.7	151.2	88.6
Threonine (THR) - %	1.81	1.94	79.2	87.5	87.0
Valine (VAL) - %	2.32	2.49	85.0	89.8	90.1
Arginine (ARG) - %	3.48	3.74	92.7	97.7	91.5
Histidine (HIS) - %	1.30	1.40	88.5	92.5	89.6
Phenylalanine (PHE) - %	2.31	2.48	88.7	92.0	94.1
Serine (SER) - %	2.08	2.24	84.5	91.6	88.2
Tyrosine (TYR) - %	1.71	1.84	85.7	95.0	87.4
Tryptophan (TRP) - %	0.62	0.66	87.8	93.7	95.4

TRITURO[®]



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Minerals

	As received	100% DM
Calcium (Ca) - %	0.39	0.42
Swine Apparent Digestibility of Ca***** - % of Ca	61.3	
Phosphorus (P) - %	0.66	0.71
Swine Apparent Digestibility of P***** - % of P	55.2	
Swine Standardized Digestibility of P***** - % of P	61.3	
Non-Phytate P***** - % of P	36.4	
Sodium (Na) - %	0.09	0.1
Potassium (K) - %	2.39	2.56
Magnesium (Mg) - %	0.32	0.34
Sulfur (S) - %	0.40	0.43
Iron (Fe) - ppm	182	195
Zinc (Zn) - ppm	49	52
Copper (Cu) - ppm	12	13
Manganese (Mn) - ppm	36	39
Boron (Bo) - ppm	42	45
Aluminium (Al) - ppm	81	87

Guaranteed analysis

	As received
Dry Matter (DM) - % MIN	88.00
Humidity - % MAX	12.00
Crude Protein (CP) - % MIN	46.00
Crude Fat - % MIN	4.00
Crude Fiber - % MAX	7.00

* TDN : Total Digestible Nutrients, Calculations based on method proposed in NRC 2001

** Adapted from amino acid analyzes of Trituro for the period 2024-2025 - ESCL Missouri (University of Missouri Agricultural Experiment Station Chemical Laboratories)

*** AID Swine : Apparent Ileal Digestibility Swine/SID Porc : Standardized Ileal Digestibility Swine; Rodriguez et al. 2020; Cristobal et al. 2025; Woodworth et al. 2001

**** SID Poultry : Standardized Ileal Digestibility Poultry
Cristobal et al. 2025; Bandegan et al. 2010

***** Cristobal et al. 2025



Soybean processor

Soya Excel

