

Corn Meal 60%



General Specifications	As Is (%)	Analytical Method
Moisture	7.8	NFTA 2.1.4
Dry Matter	92.2	Calculation
Crude Protein	61.2	AOAC 990.03
Crude Fat (Pet Ether)	4.6	AOAC 945.16
Crude Fiber	4.1	AOCS Ba 6a-05
Ash	2.8	AOAC 942.05
Bulk Density (packed)	70.63 g/100 cm ³	MWL Developed
Angle of Repose	34°	J&J Developed

Mineral Profile	As Is (%)	Analytical Method
Sulfur	0.69	AOAC 985.01 (mod)
Phosphorus	0.55	AOAC 985.01 (mod)
Potassium	0.44	AOAC 985.01 (mod)
Magnesium	0.13	AOAC 985.01 (mod)
Calcium	0.01	AOAC 985.01 (mod)
Sodium	0.05	AOAC 985.01 (mod)
Iron	90 PPM	AOAC 985.01 (mod)
Manganese	7.6 PPM	AOAC 985.01 (mod)
Copper	7.2 PPM	AOAC 985.01 (mod)
Zinc	62 PPM	AOAC 985.01 (mod)

Technical Data Sheet: Corn Meal 60%

Aquaculture – Energy and Digestibility, As-Is Basis

Gross Energy, kcal/kg* 5,188

Digestible Energy, kcal/kg* 4,099

Amino Acid (AA) Profile	Average** (%) (As Is)	Digestibility Coefficient***	Digestible AA (%) (As Is)	AA Analytical Method
Aspartic Acid	4.19	0.89	3.73	AOAC 982.30 (mod)
Threonine	2.32	0.82	1.90	AOAC 982.30 (mod)
Serine	3.26	0.89	2.90	AOAC 982.30 (mod)
Glutamic Acid	11.68	0.91	10.63	AOAC 982.30 (mod)
Proline	5.20	0.84	4.37	AOAC 982.30 (mod)
Glycine	2.25	0.85	1.91	AOAC 982.30 (mod)
Alanine	4.88	0.91	4.44	AOAC 982.30(mod)
Cystine	1.06	0.87	0.92	AOAC 994.12 (mod)
Valine	3.13	0.91	2.85	AOAC 982.30 (mod)
Methionine	1.48	0.97	1.44	AOAC 994.12 (mod)
Isoleucine	2.45	0.94	2.30	AOAC 982.30 (mod)
Leucine	8.63	0.93	8.03	AOAC 982.30 (mod)
Tyrosine	2.56	0.94	2.41	AOAC 982.30 (mod)
Phenylalanine	3.49	0.92	3.21	AOAC 982.30 (mod)
Lysine	1.91	0.87	1.66	AOAC 982.30 (mod)
Histidine	1.53	0.88	1.35	AOAC 982.30 (mod)
Arginine	2.46	0.96	2.36	AOAC 982.30 (mod)
Tryptophan	0.54	0.93	0.50	AOAC 988.15 (mod)

Mean

0.90

*Assay performed by Dr. Brian Small, University of Idaho, on rainbow trout (*Oncorhynchus mykiss*).

**Mean of 10 independent samples.

***Mean of 5 individual digestibility trials, which were generated with rainbow trout (*Oncorhynchus mykiss*) at Optimal Aquafeed AquaLab.

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