

Method of Analysis

Vitamin A, D & E as per G564.71, Vitamin B1 & B2 as per G564.91, Vitamin B3 as per G564.41,
 Vitamin C as per HPLC, Omega 3 & 6 Fatty Acids as per G564.b1, Amino Acids as per G654.11.

Vitamin A	(mg/100g)	0.060	Vitamin D	(mg/100g)	< 0.010
Vitamin B1	(mg/100g)	0.006	Vitamin E	(mg/100g)	0.310
Vitamin B2	(mg/100g)	0.110	Omega 3 Fatty Acids	% of extracted Fat	24.00
Vitamin B3	(mg/100g)	3.500	Omega 6 Fatty Acids	% of extracted Fat	9.00
Vitamin C	(mg/100g)	3.600			

Amino Acids		% w/w	g/16g N	R Factor	Protein Recovery
Aspartic acid	ASP	0.60	9.95	0.657	6.54
Glutamic acid	GLU	0.77	12.77	0.595	7.60
Serine	SER	0.24	3.98	0.833	3.32
Glycine	GLY	0.38	6.30	1.166	7.35
Histadine	HIS	0.06	1.00	1.692	1.68
Arginine	ARG	0.41	6.80	2.010	13.67
Threonine	THR	0.23	3.81	0.735	2.80
Alanine	ALA	0.41	6.80	0.982	6.68
Proline	PRO	0.27	4.48	0.760	3.40
Tyrosine	TYR	0.16	2.65	0.483	1.28
Valine	VAL	0.28	4.64	0.747	3.47
Methionine	MET	0.08	1.33	0.586	0.78
Cystine	CYS	0.06	1.00	0.722	0.72
Isoleucine	ILE	0.22	3.65	0.667	2.43
Leucine	LEU	0.39	6.47	0.667	4.31
Phenylalanine	PHE	0.74	12.27	0.530	6.50
Lysine	LYS	0.40	6.63	1.197	7.94
Ammonia	AMM			5.147	
Hydroxy proline		0.07	1.16		
Tryptophan		0.05	0.83		
Taurine		0.00	0.00		

* g/16g N = AA (% w/w) * 100/Protein

* Individual Protein Recoveries = AA (g/16g N) * Rf * 6.25

Protein Recovery = Sum of individual Protein Recoveries

Combined Nitrogen Analysis	Method: 208/240 Units: mg N/L	Total Combined Nitrogen	120,000
Elements By ICP-AES	Method: 402-AES Units: mg/L		
Calcium	2000		
Iron	57		
Magnesium	990		
Phosphorus	1100		
Potassium	4900		
Elements By ICP-MS	Method: 406-MS Units: mg/L		
Chromium	0.52		
Cobalt	0.47		
Copper	1.60		
Selenium	160		
Zinc	8507.83		
Micro: Heterotrophic Colony Count	Method: AS4276.3.1 Units: CFU/mL		
Total Plate Count (TPC)	17.000000		
Protein By KJELDAHL	Method: G512 Units: % w/w as is		
Protein	62.5		