

HONEST ORIGINS YELLOW PEA PROTEIN



AMINO ACID DATA SHEET
RESEARCH USE ONLY
PROFORMA ONLY

Amino Acid	Amino Acid Conc. Dehydrated (g/100g sample)	Amino Acid Conc. Hydrated (g/100g sample)	Amino Acid Conc. Dehydrated (mg/g protein)	Amino Acid Conc. Hydrated (mg/g protein)	1991 Reference Protein (mg/g protein)	Ratio Dehydrated	Ratio Hydrated
Cystine + Methionine*	0.88	1.02	16.54	19.14	25.00	0.662	0.766
Tryptophan*	0.45	0.49	8.40	9.21	11.00	0.764	0.838
Aspartic acid	5.17	5.98					
Threonine*	1.60	1.88	30.00	35.35	34.00	0.882	1.040
Serine	2.09	2.52					
Glutamic Acid	7.71	8.78					
Proline	1.85	2.19					
Glycine	1.64	2.16					
Alanine	1.74	2.18					
Valine*	2.14	2.53	40.24	47.56	35.00	1.150	1.359
Isoleucine*	1.98	2.30	37.29	43.23	28.00	1.332	1.544
Leucine*	3.39	3.93	63.72	73.86	66.00	0.965	1.119
Tyrosine + Phenylalanine*	3.84	4.29	72.14	80.64	63.00	1.145	1.280
Total Lysine*	3.48	3.97	65.43	74.63	58.00	1.128	1.287
Histidine*	1.13	1.28	21.26	24.05	19.00	1.190	1.266
Arginine	4.64	5.18					

*essential amino acid for nutrition
 limiting amino acid for sample

	Dehydrate Amino Acids	Hydrated Amino Acids
Total Moisture (%) by Vacuum Oven	4.41	4.41
Total Crude Protein (Dumas Combustion %)	53.2	53.2
In Vitro Digestibility	0.98	0.98
First Limiting Amino Acid	Cystine + Methionine*	Cystine + Methionine*
Amino Acid Score	0.66	0.77
PDCASS Value	0.65	0.75
Total Quality Protein (g/100g)	34.4	39.8

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