

HONEST ORIGINS YELLOW PEA STARCH



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 Deydrated	Ratio Hydrated
Cystine + Methionine*	0.35	0.40	16.59	19.21	25.00	0.663	0.768
Tryptophan*	0.18	0.20	8.75	9.60	11.00	0.765	0.872
Aspartic acid	2.00	2.31					
Threonine*	0.62	0.73	29.81	35.12	34.00	0.877	1.033
Serine	0.80	0.97					
Glutamic Acid	3.05	3.47					
Proline	0.69	0.82					
Glycine	0.66	0.87					
Alanine	0.68	0.85					
Valine*	0.82	0.97	39.47	46.65	35.00	1.128	1.333
Isoleucine*	0.73	0.85	35.24	40.85	28.00	1.259	1.459
Leucine*	1.27	1.47	60.96	70.66	66.00	0.924	1.071
Tyrosine + Phenylalanine*	1.40	1.57	67.50	75.47	63.00	1.071	1.198
Total Lysine*	1.31	1.49	62.79	71.61	58.00	1.083	1.235
Histidine*	0.44	0.5	21.25	24.04	19.00	1.118	1.265
Arginine	1.74	1.94					

*essential amino acid for nutrition
 limiting amino acid for sample

	Dehydrate Amino Acids	Hydrated Amino Acids
Total Moisture (%) by Vacuum Oven	6.21	6.21
Total Crude Protein (Dumas Combustion %)	20.8	20.8
In Vitro Digestibility	0.86	0.86
First Limiting Amino Acid	Cystine + Methionine*	Cystine + Methionine*
Amino Acid Score	0.66	0.77
PDCASS Value	0.57	0.66
Total Quality Protein (g/100g)	11.9	13.7

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