PROTIDE | TECHNICAL DATA SHEET

Pea Protein Peptide

HYDROPEA® | Series selection data | Issue date: 30 October 2026

HYDROPEA® pea protein peptides are produced by hydrolysis of yellow pea protein. The grades differ in protein level, ash, pH and sensory profile.

Grade specifications

Parameter	S90	S85A	S85B
Appearance	Cream-colored powder	Cream-colored powder	Cream-colored powder
Protein, dry basis (%)	≥90.0	≥85.0	≥85.0
Moisture (%)	≤8.0	≤8.0	≤8.0
Ash (%)	≤1.5	≤5.0	≤7.0
Crude fiber (%)	Not specified	≤3.0	≤3.0
pH	4.0-6.5	6.0-8.0	3.0-6.0
Total plate count (CFU/g)	<10,000	<10,000	<10,000
Yeast (CFU/g)	<50	<50	<50
Molds (CFU/g)	<50	<50	<50
Escherichia coli	Not detected	Not detected	Not detected
Salmonella	Not detected	Not detected	Not detected

Specifications apply only to the named grade. Not detected is not a numerical zero; not specified means no limit is given in the supplied grade data. Use the current lot COA for batch approval.

Supply and storage

Item	Details
Packing	20 kg/bag
Storage	Keep sealed in a cool, dry place away from direct sunlight, below 25°C.
Shelf life	Two years in unopened original packaging
Handling	Use clean, dry tools. Reseal opened packaging promptly to protect from moisture and contamination.

Pea Protein Peptide | Typical profiles

Typical nutritional and amino acid values are indicative composition data, not guaranteed quality limits. Values are stated per 100 g powder unless a different unit is shown.

Typical nutritional values per 100 g powder

Parameter	S90	S85A	S85B
Protein (g)	94.09	89.16	86.31
Moisture (g)	3.68	3.98	4.72
Total fat (g)	Not detected	Not detected	Not detected
Energy (kcal)	385	369	345
Ash (g)	1.40	3.8	2.66
Total sugars (g)	Not detected	Not detected	Not detected
Dietary fiber (g)	0.10	2.8	2.1
Iron (mg)	0.396	0.6	0.6
Potassium (mg)	127	170.6	164.6
Calcium (mg)	257	151.80	156.20
Sodium (mg)	73.8	1200	1200

Typical amino acid profile (g/100 g powder)

Parameter	S90	S85A	S85B
Isoleucine	2.47	3.85	3.79
Leucine	4.00	7.02	7.07
Lysine	6.56	6.17	6.12
Methionine	0.70	0.96	1.02
Phenylalanine	2.38	4.56	4.33
Threonine	2.76	2.95	2.74
Tryptophan	0.18	0.62	0.60
Valine	3.25	4.22	4.17
Arginine	7.76	6.75	6.54
Cystine	0.23	1.93	1.88
Glutamic acid	16.69	14.48	14.32
Histidine	1.38	2.32	2.28
Proline	8.70	3.68	3.47
Tyrosine	1.60	3.51	3.49
Alanine	6.62	3.88	3.72
Aspartic acid	8.65	9.57	9.31
Glycine	13.51	3.50	3.43
Serine	4.00	4.60	4.51