PROTIDE | TECHNICAL DATA SHEET

Hydrolyzed Pea Protein

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

HYDROPEA® hydrolyzed pea protein is produced from yellow peas using controlled hydrolysis. This series is intended for formulations requiring reduced viscosity, smooth mouthfeel and dispersion.

Grade specifications

Parameter	H85	H80
Appearance	Cream-colored powder	Cream-colored powder
Protein, dry basis (%)	≥85.0	≥80.0
Moisture (%)	≤8.0	≤8.0
Ash (%)	≤8.0	≤8.0
Crude fiber (%)	≤3.0	≤3.0
pH	6.0-8.0	6.0-8.0
Total plate count (CFU/g)	<10,000	<10,000
Yeast (CFU/g)	<50	<50
Molds (CFU/g)	<50	<50
Escherichia coli	Not detected	Not detected
Salmonella	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.

Hydrolyzed Pea Protein | 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	H85	H80
Total fat (g)	1.20	1.20
Energy (kcal)	358	358
Ash (g)	3.3	3.3
Total sugars (g)	Not detected	Not detected
Dietary fiber (g)	1.8	1.8
Iron (mg)	17.42	17.42
Potassium (mg)	118.62	118.62
Calcium (mg)	169.35	169.35
Sodium (mg)	959.16	459.16

Typical amino acid profile (g/100 g powder)

Parameter	H85	H80
Isoleucine	3.90	3.90
Leucine	6.95	6.95
Lysine	6.51	6.21
Methionine	0.95	0.95
Phenylalanine	4.79	4.59
Threonine	2.95	2.95
Tryptophan	0.63	0.63
Valine	4.83	4.33
Arginine	7.06	6.76
Cystine	2.15	1.15
Glutamic acid	14.28	14.28
Histidine	2.56	2.16
Proline	3.62	3.62
Tyrosine	3.47	3.47
Alanine	3.75	3.75
Aspartic acid	9.52	9.52
Glycine	3.60	3.30
Serine	4.50	4.20