Hemp seed protein

Grades: 60%, 75%

Hemp seed protein powder in 60% and 75% dry-basis protein grades, supplied in 20 kg bags for food and nutrition formulation.

Grade specifications

Parameter	60%	75%
Physical & chemical		
Protein, dry basis (%)	≥60.0 (Kjeldahl)	≥75.0 (Kjeldahl)
Fat (%)	≤10	≤10
Moisture (%)	≤8	≤8
Appearance	Light green to off-white fine powder	Pure white powder
Odor	Nutty	Nutty
THC	NMT 2; LOQ 0.1 ppm; limit unit not stated	Not specified
Heavy metals		
Total heavy metals (ppm)	≤10	≤10
Arsenic (ppm)	≤1.0	≤1.0
Cadmium (ppm)	≤1.0	≤1.0
Lead (ppm)	≤1.0	≤1.0
Mercury (ppm)	≤0.5	≤0.5
Microbiology		
Total plate count (CFU/g)	≤100,000	≤100,000
Mold & yeast (CFU/g)	≤10,000	≤10,000
Total coliforms (CFU/g)	≤90	≤90
Total coliforms (MPN/g)	Not specified	≤90
Salmonella	Absent	Absent
Escherichia coli	Absent	Absent
Staphylococcus	Absent	Absent

Specifications apply only to the named grade and supplied physical form. Not detected is not a numerical zero; not specified means no limit is supplied. Confirm the agreed test methods and use the batch COA for batch acceptance. Confirm the THC limit unit, analytical basis and destination requirements before purchase. The 75% source separately lists coliforms in CFU/g and MPN/g; both are reproduced.

Grade selection and applications

60% grade: Light green to off-white powder with a nutty odor and at least 60% dry-basis protein; evaluate its color contribution in bars, powders and bakery recipes.

75% grade: Pure white powder with a nutty odor and at least 75% dry-basis protein. Choose it when a higher protein minimum or lighter declared appearance is important.

Destination requirements: Confirm cannabinoid testing, the agreed analytical method and import requirements for the destination. The 60% sheet gives a THC limit without its unit; the 75% sheet supplies no THC limit.

Applications: Nutrition powders; Nutritional drinks; Protein bars; Bakery formulations; Blended nutrition; Prepared foods.

Packaging and storage

Item	Details
Packing	20 kg/bag
Storage	Store in a well-closed container away from moisture, direct light and heat.
Shelf life	2 years when properly stored

Safety and regulatory

Read the matching SDS for handling precautions. Confirm intended use, labeling and any certification scope for the selected grade and destination. Technical limits are not measured batch results; the agreed purchase specification and batch COA govern acceptance.