

Casein Hydrolysate Powder

TECHNICAL DATA SHEET

Casein Hydrolysate Powder casein peptide for professional ingredient formulation and manufacturing.

CAS No.	65072-00-6
Source	Milk casein
Physical form	Milk White powder

Product Information

Casein hydrolysate powder is a milk protein-derived peptide ingredient with a defined molecular weight and peptide specification. This casein peptide is supplied as milk white powder. The stated source is Milk casein.

The selected specification lists Protein G/100g: >80. For casein hydrolysate powder purchasing, identify the grade and analytical requirements used in the formulation. The product specification below provides the criteria for comparing material grades and checking the corresponding batch COA.

Specifications

Parameter	Specification
Appearance	Powder
Color	Milk White
AS1-Cn(F91-100)	≥1.8%
Average Molecular Weight	≈1000 Dalton
Ash %	7±0.25
Fat %	0.2±0.05
Moisture %	5±1
Nutritional Value Per 100g Product KJ/399 Kcal	1549
Protein G/100g	>80
Carbohydrates G/100g	2±0.5
Nitrite ≤Mg/Kg	2
Nitrate ≤Mg/Kg	100
As ≤Mg/Kg	0.3
Pb ≤Mg/Kg	0.2
Aflatoxin ≤MG/Kg	0.5
Mold &Yeast (CFU/G)	≤50
Pathogenic Bacteria (CFU/G)	Not Detected
Total Plate Count (CFU/G)	≤3000
Coliform (CFU/G)	≤3.0

Typical values. The COA of each batch prevails.

Typical Properties & Commercial Information

MOQ	500 kg
Packing	1kg/Plastic Drum, 5kgs/Plastic Drum
Lead time	Approximately 14 days
Free sample	500 g
Incoterms	FOB / CFR / CIF
Annual supply	On request

Free sample: up to 500 g. Courier cost payable or use your courier account.

Applications

Nutrition ingredient blends: Casein-derived ingredients can be incorporated into suitable nutrition blends.

Food formulation development: Suitable food and beverage development can use the selected casein-derived powder.

Technical grade selection: Compare the specific casein hydrolysate or phosphopeptide grade before arranging supply.

Packaging & Storage

Packaging	1kg/Plastic Drum, 5kgs/Plastic Drum
Storage	Store in a cool dry place away from heat and direct sunlight
Shelf life	In case of intact package and up to the above storage requirement, the valid period is 2 years.
Container loading	Qty in 20' FCL: 8MTS(with pallets)

Certifications & Documents

KOSHER · HACCP · FSSC 22000 · HALAL · ISO 9001 · ISO 22000

COA for each batch, TDS and SDS.

Company Contact

Supplier: Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)

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The agreed purchase specification and the COA of each batch govern supply.