

Vital Wheat Gluten

TECHNICAL DATA SHEET

Wheat-derived gluten powder with at least 75% protein for bakery, flour fortification, meat alternatives and suitable feed formulations.

CAS No.	11078-31-2
Source	Wheat
Physical form	Fine creamy powder

Product Information

Vital wheat gluten is the concentrated gluten protein fraction of wheat, supplied as a fine creamy powder with a bland aroma and flavor. It is used in suitable formulations where the functional contribution of wheat gluten is needed, including bakery products and wheat-based meat alternatives.

The published specification identifies protein, water absorption, particle size, moisture and ash. These parameters help manufacturers compare gluten materials for their production requirements. Wheat origin also distinguishes this material from pea, rice and hemp protein ingredients when planning product recipes.

Specifications

Parameter	Specification
Appearance	Fine creamy powder
Aroma and flavor	Bland
Particle size	≥95% through 80 mesh
Protein (N × 5.7)	≥75%
Moisture	≤8%
Ash	≤1%
Water absorption	≥150%
Aflatoxins	≤20 ppb
Ochratoxin A	≤5 ppb
Copper	≤20 ppm
Zinc	≤100 ppm
Lead	≤1 ppm
Mercury	≤0.02 ppm
Tin	≤250 ppm
Arsenic	≤2 ppm
Cadmium	≤0.2 ppm
Coliforms	Not detected
Melamine	Not detected

Typical values. The COA of each batch prevails.

Typical Properties & Commercial Information

HS code	3504.00
MOQ	500 kg
Packing	20 kg/bag
Lead time	Approximately 14 days
Free sample	500 g
Incoterms	FOB / CFR / CIF
Supply	5,000 MT/year

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

Applications

Bakery and flour fortification: Vital wheat gluten contributes wheat protein to suitable bakery recipes and flour blends.

Seitan and meat alternatives: Wheat gluten can be used in seitan and suitable meat alternative formulations.

Batters, coatings and feed: Vital wheat gluten offers a wheat-derived ingredient option for suitable batters, coatings and feed recipes.

Packaging & Storage

Packaging	20 kg/bag
Storage	Keep sealed in a cool, dry place, protected from moisture and direct sunlight.

Certifications & Documents

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

Batch COA, technical data sheet and available safety documentation.

Company Contact

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

Shanghai office: Room 1001, Building A, Caohejing Center, No. 1520 Gumei Road,
Xuhui District, Shanghai, China

Telephone: +86-21-54265599

Email: sales@zxchem.com.cn

Website: www.zxchem.com

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