

Beef Powder

Cat. No.: B1522316 | Pack size: 250 g | Storage: Room temperature

Overview

Beef Powder is a yellowish-brown to brown powdered product made from fresh beef through defatting, digestion, filtration, concentration and spray drying. This product is rich in water-soluble substances such as creatine, creatinine, polypeptides, amino acids, nucleotides, organic acids, minerals and vitamins. It also contains relatively high levels of sulfur-containing amino acids, as well as more vitamins and other growth factors required for bacterial growth. Its main function is to supplement nutritional deficiencies of peptone and other nitrogen sources, serving as a high-grade raw material for culture media in the microbial fermentation industry.

Directions for Use

Used as a culture medium raw material. Dissolve thoroughly and sterilize before use.

Conventional Physical and Chemical Indicators

Organoleptic Indicators

Item	Requirements
Form	Powdered
Color	Light yellow powder
Odor	Characteristic odor of the product, no other off-odors
Impurities	No visible foreign impurities under normal vision

Physical and Chemical Indicators

Item	Reagent grade
Total Nitrogen (dry basis), %	≥14.0%
Amino Nitrogen (dry basis), %	≥2.5%
Ash (dry basis) %	≤13.0%

Item	Reagent grade
Moisture %	≤6.0%
pH (2% aqueous solution)	4.5-7.0
Nitrate & Alkaline Autoclave Test	Clear
Transparency (2% aqueous solution)	Clear

Specifications

Attribute	Value
Synonyms	Beef Extract Powder
Specifications & Purity	BioReagent, Suitable for microbiology
Stability And Storage	Store at room temperature long term (36 months).
Storage Conditions	Room temperature
Shipped In	Normal

Contact & Global Offices

Whether you have a technical question, need help with a quotation, or want to inquire about an order, our regional teams are ready to assist. Please contact the office for your region; for general inquiries, the North American office is the corporate primary.

NORTH AMERICAN SALES, SUPPORT & GENERAL INQUIRIES Aladdin Scientific Corporation 14078 Meridian Parkway, Riverside, CA 92518, USA Phone: 1-833-552-7181 Sales: sales@aladdinsci.com Customer Service: custserv@aladdinsci.com	EU SALES, LOGISTICS & LOCALIZED SUPPORT Aladdin Biochem Deutschland GmbH Westring 2, 33142 Büren, Germany Phone: +02951 9383958 Support: support.eu@aladdinsci.com
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Limitations & Disclaimer

- For Research Use Only (RUO). Not for use in human or animal diagnostics, therapeutics, or in vivo applications. Not for food, cosmetic, or household use.
- This product is not a CE-marked in vitro diagnostic device under IVDR (EU) 2017/746 and is not an FDA-cleared device under 21 CFR. Use is restricted to verified businesses, institutions, and qualified professionals for research and development purposes.
- Where any kit component is classified as hazardous under CLP (EC) 1272/2008 or OSHA HCS (29 CFR 1910.1200), the product Safety Data Sheet (SDS) takes precedence over this document for handling, storage, and disposal information.
- Performance depends on sample type, sample condition, handling, and operator technique. Users are responsible for validating the kit for their specific application.
- Aladdin product labels, SDS, COA, and approved specifications take precedence over this document. If product formulation, label, SDS, storage conditions, pack size, or quality specifications change, this document would be reviewed and reissued.