

## Beef Extract Powder

Product No.	Type of Product	Packaging Specifications
HAM003	Powder	500g/bottle

### Usage

This product is made from yeast essence and specially selected raw materials, dissolved in water, and used to prepare microbial culture medium.

### Principle and Interpretation

A certain amount of distilled water is used as an extractant to dissolve the soluble components in the tissue in water and then concentrate it into a paste. Beef extract contains two types of substances, namely nitrogen-containing substances and non-nitrogen-containing substances. Nitrogen-containing substances include creatine, xanthine, hypoxanthine, uric acid, adenylic acid, etc. Non-nitrogen-containing substances include glycogen, lactic acid, inositol, succinic acid, inorganic salts, etc. Supplement the nutritional deficiency of peptone in the culture medium. Used to prepare microbial culture medium.

### Technical parameter

Item	Standard requirements
Total nitrogen	≥12.0%
Amino nitrogen	≥2.5%
Loss on drying	≤8.0%
Residue on ignition	≤15.0%

### Storage and Shelf Life

Store in a dark, dry place and tighten the cap immediately after use. Shelf life is three years.

### Precautions

1. Pay attention to dust when weighing, and wear a mask to avoid discomfort to the respiratory system.
2. Tighten the bottle cap immediately after use of the dry powder culture medium to avoid moisture absorption and agglomeration. Store in a dark and dry place.
3. The certificate of analysis can be downloaded by logging on to the Huankai website <http://www.huankai.com>, opening the "Download Center" page, and entering the product batch number.

### Waste Disposal

After testing, the contaminated items were sterilized by high pressure sterilization at 121°C for 30 minutes.

### Revision

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