

BACTERIAL AGAR POWDER

Product No.	Type of Product	Packaging Specifications
HAM010	Powder	500g/bottle

Usage

It is a coagulant for microbial culture medium. It is a hydrocolloid refined from red algae grown in the ocean. It is easily soluble in boiling water but insoluble in cold water.

Principle and Interpretation

Acid hydrolyzate, neutralized with alkali during production. A phosphoprotein with high nutritional value extracted from milk, it is a common raw material for the production of peptone. Casein has a high tryptophan content, but lacks sulfur-containing amino acids such as cystine and methionine. It is most suitable for the preparation of sensitive culture media and the growth of salt-tolerant bacteria.

Technical parameter

Item	Standard requirements
Turbidity	≤ 8NTU
Gel strength	≥ 800g/cm ²
Ash	≤ 4%
Water	≤ 10%
Melting temperature	85°C~95°C
Coagulation temperature	34°C~36°C
pH (1.5% aqueous solution)	6~7.5

Storage and Shelf Life

Tighten the cap and store in a dry place away from direct sunlight.

GUANGDONG HUANKAI MICROBIAL SCI.&TECH.CO.,LTD.

Address:No. 788 Shenzhou Road, Science City, Huangpu District, Guangzhou, Guangdong, China

Email:support@hkmbio.com

Website:https://www.huankaigroup.com