

Agar Powder

Product No.	Type of Product	Packaging Specifications
HAM001	Powder	500g/bottle

Usage

This product is a hydrocolloid refined from red algae grown in the ocean. It is easily soluble in boiling water but insoluble in cold water. It is used as a coagulant, thickener, emulsifier, suspending agent and desiccant in the production of microbial culture media, bioengineering, food processing, etc.

Technical parameter

Item	Standard requirements
Gel strength	$\geq 800\text{g/cm}^2$
Ash content	$\leq 4\%$
Water content	$\leq 15\%$
Melting temperature	$\geq 85^\circ\text{C}$
Coagulation temperature	32°C to 42°C
Gel strength	$\geq 800\text{g/cm}^2$
Final pH is 7.6 ± 0.2	

Storage and Shelf Life

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

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