



Product Specifications

BACTERIOLOGICAL AGAR

<u>Catalog #</u>	<u>Size</u>
IB49170	500gm
IB49171	1Kg
IB49172	2.5Kg
IB49173	5Kg
IB49174	10Kg

Physical Specifications

CAS#	9002-18-0
pH (@ 20°C)	5.9
Ash	4.0%
Acid-insoluble ash:	<0.5%
Moisture	9.3%
Gel Strength (g/cm ²):	500
Gelling Point:	34.7°C ± 0.5°C

Molecular Biology Specifications

Total Plate Count:	<5000 per gm
Coliforms:	<3 per gm
E.Coli:	0 per gm
Salmonella:	0 per gm
Yeast & Mold:	<200 per gm

Recommended Use

IBI's Bacteriological Agar is used as a solidification agent in the preparation of microbiological culture media. Granulated Agar is a water soluble colloidal extract from certain species of marine red algae; including Gelidium, Pterocladia, and Gracilaria. Impurities, debris, minerals, and pigments are reduced to specific levels during manufacture. The majority of microorganisms cannot digest Agar, thus making it an excellent solidifying agent. Granulated Agar may be used for general microbiological purposes where clarity is not a strict requirement.

Storage

Store at room temperature. Keep tightly sealed. Protect from moisture and light.

Warning

Avoid contact with eyes, skin, and clothing. Wash thoroughly with water after handling. See Material Safety Data Sheet for additional information.