

# Technical Specification Sheet



## Agar, Bacteriological (European Type) No. 2

**SKU: 700003593, 700003594, 700003595, 700003596, 700004680  
NCM0238**

### Intended Use

Agar, Bacteriological (European Type) No. 2 is a clear bacteriological agar with high gel strength compatible with all culture media. Agar, Bacteriological (European Type) No. 2 is not intended for use in the diagnosis of disease or other conditions in humans.

### Description

A bacteriological agar which gives a firm gel at working concentrations of 1.0 to 1.5% which is reasonably clear. This agar is recommended for all culture media except sensitivity testing media and those where absolute clarity is advantageous.

### Precaution

Refer to SDS

### Test Procedure

Refer to appropriate references for specific procedures using Agar, Bacteriological (European Type) No. 2.

### Quality Control Specifications

PHYSICAL/ CHEMISTRY	EXPECTED RESULTS
Gel strength (Nikan)	800-950 g/cm <sup>2</sup>
Appearance	Cream/white powder
Melting point	83-87°C
Gel point	33-38°C
pH	5.5-7.5
Moisture	≤ 11%
Total ash	≤ 6.5%

MICROBIOLOGY	EXPECTED RESULTS (50-200 cfu)
<i>Escherichia coli</i>	Good to Excellent
<i>Staphylococcus aureus</i>	Fair to Good
<i>Streptococcus pyogenes</i>	Poor to Fair

### Expiration

Refer to expiration date stamped on container. Agar, Bacteriological (European Type) No. 2 should be discarded if not free flowing, or if the appearance has changed from the original color. Expiry applies to Agar, Bacteriological (European Type) No. 2 in its intact container when stored as directed.

### Storage

Store powder at 2-30°C away from direct sunlight. Once opened and recapped, place container in a low humidity environment at the same storage temperature. Protect from moisture and light by keeping container tightly closed.



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