

Agar, Bacteriological (European Type) No. 2 (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)	650-1000g/m ²
Colorimetry (1.5% soln at 65°C)	> 0.3 at 340nm >0.04 at 525nm
Appearance	Cream/white powder
Melting point	>85°C
Setting point	32-35°C
pH	6.5-7.4
Moisture	<12%
Total ash	<3.5%
Calcium	< 0.5%
Magnesium	< 0.1%
Sodium chloride	<1.0%
Iron	< 0.01%
Insoluble ash	< 0.1%
Sulphate	< 3.0%
Salmonella	Absent
TVC	< 10 ³ /g
Spores	< 2/g

Technical Specification Sheet



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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