

## Agar, Bacteriological (European Type) No. 1 (NCM0236)

### Intended Use

Agar, Bacteriological (European Type) No. 1 is for use in preparing microbiological culture media in a laboratory setting, and is not intended for use in the diagnosis of disease or other conditions in humans.

### Description

A high clarity agar with good gelling properties and a low concentration of metal ions. This agar is suitable for all bacteriological purposes including sensitivity testing and pour plate techniques. A firm gel is obtained at working concentrations of 1.0 to 1.5%. No significant precipitation is observed on reheating or prolonged holding at 65°C.

### Precaution

Refer to SDS

### Test Procedure

Refer to appropriate references for specific procedures using Agar, Bacteriological (European Type) No. 1.

### Quality Control Specifications

PHYSICAL/ CHEMISTRY:	EXPECTED RESULTS
Appearance of Powder:	
Gel strength (Nikan)	650-1000g/m <sup>2</sup>
Colorimetry (1.5% soln at 65°C)	> 0.28 at 340nm > 0.02 at 525nm
Melting point	> 85°C
Setting point	32-35°C
pH	6.5-7.4
Moisture	< 10%
Total ash	< 3%
Calcium	< 0.02%
Magnesium	< 0.02%
Sodium chloride	< 1.0%
Iron	< 0.01%
Insoluble ash	< 0.1%
Sulphate	1.5%
<i>Salmonella</i>	Absent
TVC	< 103/g
Spores	< 2/g

### Expiration

Refer to expiration date stamped on container. Agar, Bacteriological (European Type) No. 1 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. 1 in its intact container when stored as directed.

# Technical Specification Sheet



## **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.

Effective Date: 10/1/2019

Revision: 1



620 Lesher Place • Lansing, MI 48912  
800-234-5333 (USA/Canada) • 517-372-9200  
foodsafety@neogen.com • foodsafety.neogen.com