

## 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	Cream
Gel strength (g/cm <sup>2</sup> )	800-1100
pH	6.0-7.5
Setting point (°C)	34-38
Melting point (°C)	85-90

### 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.

### 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.