

## ***Agar No. 1***

MC002

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.

Typical Analysis	
Gel strength (Nikan)	650-1000g/m <sup>2</sup>
Colourimetry (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	< 10 <sup>3</sup> /g
Spores	< 2/g