

**MEAT LIVER SR AGAR**  
For the enumeration of spores of  
sulphite reducing clostridia in dairy and food products

**TYPICAL FORMULAS (g/l)**

Meat Liver Peptone	30.0
Glucose	1.0
Sodium Sulphite	0.5
Fe-Ammonium Citrate	0.5
Starch	1.0
Agar	8.0

**DIRECTIONS**

Suspend 41g in 1000ml of cold distilled water, heat to boiling with agitation. Distribute 20ml in 20x200mm tubes and sterilise by autoclaving at 115°C for 20 minutes.

Final pH 7.4 ± 0.2

**DESCRIPTION**

Meat Liver SR Agar is a complete medium used for the enumeration of spores of sulphite reducing clostridia in dairy and food products. Anaerobic bacteria reduce sulphite to sulphide causing the blackening of the medium.

**TECHNIQUE**

- Heat the sample to destroy vegetative cells.
- Inoculate the empty tubes with 1ml of sample or with 1ml of its tenfold dilutions.
- Transfer 20ml of medium in each tube and homogenise by inverting .
- Incubate at 37°C and examine daily for 5 days for blackening of the medium.
- Perform the enumeration by means of the MPN tables

**PACKAGING**

**4016892      Meat Liver SR Agar   500g (12.2l)**