

Gelatine-Agar

M&S item numbers: 4045 (25 x 20 ml) and 5035 (4 x 250 ml)

Application range: Gelatine-Agar is used for the colony count of mesophilic, heterotrophic bacteria from water, waste water and other samples, and for the detection of gelatine degrading bacteria (acc. to DEV).

Formulation:
(typical)

Peptone from meat	10.0 g/l
Meat extract	10.0 g/l
Sodiumchloride	5.0 g/l
Gelatine	10.0 g/l
Agar	15.0 g/l
pH 7.3 ± 0.2	
Color	opaque, beige

Storage: Dark and dry at 4 – 12 °C

Description: Gelatine degrading bacteria show a clear halo around their colonies after overlaying saturated ammoniumsulfate solution.

Typical growth: Incubation at 20 – 25 °C for 44 ± 4 hours

Microorganisms	Growth	Colony appearance
<i>Escherichia coli</i>	very good	beige
<i>Pseudomonas aeruginosa</i>	very good	beige
<i>Staphylococcus aureus</i>	very good	beige to yellow