DR. MÖLLER & SCHMELZ GmbH
Gesellschaft für angewandte Mikrobiologie

Yeast Extract-Agar

M&S item numbers: 4047 (25 x 20 ml) and 5036 (4 x 250 ml)

Application range: Yeast Extract-Agar is used for the determination of total colony count in drinking water and other samples. The formulation complies with DIN EN ISO 6222.

Formulation: (typical)

Peptone from Casein	6.0 g/l
Yeast extract	3.0 g/l
Agar	15.0 g/l
pH 7.2 ± 0.2	
Color	beige

Storage: Dark and dry at 4 – 12 °C

Description: Universal medium without any inhibitors and additives.

Typical growth: Incubation at 36 ± 2 °C for 44 ± 4 hours or at 22 ± 2 °C for 68 ± 4 hours

Microorganisms	Growth	Colony appearance
Escherichia coli	very good	beige
Enterobacter aerogenes	very good	beige
Pseudomonas aeruginosa	very good	beige
Staphylococcus aureus	very good	light yellow

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