

MALT EXTRACT AGAR

For the cultivation of yeasts and moulds

TYPICAL FORMULA (g/l)

Maltose	12.5
Dextrin	2.5
Glycerol	1.0
Peptocomplex	2.6
Agar	17.0

DIRECTIONS

Suspend 35.6g in 1000ml of cold distilled water, heat to boiling with frequent agitation and autoclave at 115°C for 15 minutes. Cool to 45-50°C and pour into sterile Petri dishes.
final pH 4.6 ± 0.2

DESCRIPTION

Malt Extract Agar is recommended for the detection, isolation and enumeration of yeasts and moulds.

USER QUALITY ASSURANCE (25 °C -3 DAYS)

Productivity control

C.albicans ATCC 10231: good growth

A.niger ATCC 16404: good growth

P.cyclopium ATCC 16025: good growth

S.cerevisiae ATCC 9763: good growth

Selectivity control

E.coli ATCC 25922: partially inhibited

B.subtilis ATCC 6633: partially inhibited

Storage

Dehydrated media: 10-30 °C

User prepared media: 1 month at 2-8 °C

Precautions

Prolonged or excessive heating will diminish the gel properties of Malt Extract Agar. To obtain a firmer medium add 5g of agar per litre before sterilisation.

PACKAGING

4016552 **Malt Extract Agar** **500g (14 l)**