

Malt Extract Agar Wort Peptone Agar

TN 1267 500 g



Intended use

Used for the detection, isolation and determination of the germ count of yeasts and fungi in foodstuffs and other test materials.

Form

Powder

Colour

Beige

Storage

Dry, tightly closed, at 10...25 °C.

Shelf life

5 years

Typical composition

Component	g/l
Malt extract	30
Peptone	5
Agar	15

Directions

Suspend 50 g in 1 litre distilled water and heat until completely dissolved. Autoclave for 15 minutes at 121 °C. To adjust the reaction to pH 3.5, cool the culture medium down to approx. 50 °C and add sterile-filtered 10 % lactic acid solution or 5 % tartaric acid solution. Once adjusted, the medium must not be reheated!

Final pH at 25 °C

5.4 ± 0.2

Microbiological quality control

Incubate Malt Extract Agar (Wort Peptone Agar) aerobically for 18-24 hours at 36 ± 1 °C.

Test strain	ATCC no.	Growth	Colony morphology
<i>Candida albicans</i>	10231	good	medium-sized white, dry colonies
<i>Aspergillus niger</i>	16404	good	dark brown or black conidia on large light-coloured mycelium