



Malt Extract Broth

LAB 159

Description

A liquid medium of low pH for the growth of yeasts and moulds, typically employed as part of sterility testing protocols for various products. The high carbohydrate content of the medium ensures rapid growth of yeasts and moulds.

Formula	g/litre
Malt Extract	17.0
Mycological Peptone	3.0

Method for reconstitution

Weigh 20g of powder and disperse in 1 litre of deionised water. Allow to soak for 10 minutes, swirl to dissolve and dispense into final containers. Sterilise by autoclaving at 115°C for 10 minutes.

Appearance: Pale brown/straw, clear broth.

pH 5.4 + 0.2

Inoculation: Inoculate samples direct into tubes of broth according to the particular method being employed.

Incubation: 25°C (or 37°C) for up to 7 days aerobically, depending upon protocol used. Subculture turbid tubes onto solid media for identification of growth.

Minimum QC organisms: *Candida albicans* NCIMB 50010
Aspergillus niger NCIMB 50097

References

Galloway, L.D. and Burgess, R. (1952) Applied Mycology and Bacteriology, 3rd ed, Leonard Hill, London pp 54 & 57.