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OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION		
MALT EXTRACT BROTH CM0057		

MALT EXTRACT BROTH

CM0057

Typical Formula*

grams per litre

Malt extract	17.0
Mycological peptone	3.0

* adjusted as required to meet performance standards

Directions

Dissolve 20g in 1 litre of distilled water. Mix well and distribute into final containers. Sterilize by autoclaving at 115°C for 10 minutes. This liquid medium is recommended for the cultivation of moulds and yeasts, during tests for sterility.

Physical Characteristics

- Straw, free-flowing powder
- Colour on reconstitution - straw 4-amber 1
- Moisture level - less than or equal to 7%
- pH - 5.4 ± 0.2 at 25°C
- Clarity - clear

Microbiological Tests Using Optimum Inoculum Dilution

Control Media: Tryptone Soya Agar or Sabouraud Dextrose Agar, where appropriate

Medium is challenged with 10-100 colony-forming units

Reactions after incubation at 25°C for 5 days

<i>Candida albicans</i>	ATCC®10231	Turbid growth
<i>Saccharomyces carlsbergensis</i>	ATCC®2700	Turbid growth
<i>Saccharomyces cerevisiae</i>	ATCC®9763	Turbid growth
<i>Pseudomonas aeruginosa</i>	ATCC®27853	Turbid growth with white pellicle

Reactions after incubation at 25°C for 7 days

<i>Aspergillus brasiliensis</i>	ATCC®16404	White mycelia with or without black spores
<i>Penicillium chrysogenum</i>	ATCC®9179	White mycelia with or without green spores
<i>Microsporium gypseum</i>	ATCC®24102	White mycelia with or without white spores

A satisfactory result is represented by visible growth.

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Revision History

Section / Step	Description of Change	Reason for Change	Reference
Entire Document	Update to new document format and correction of typographical/minor errors. Change ATCC®24101 to ATCC®24102. Addition of control media and inoculum.	Change control	BT-CC-1936