

## PRODUCT SPECIFICATION

## OXOID MALT EXTRACT AGAR

BO0447T

**Typical Formula\***

	grams per litre
Malt extract	30.0
Mycological peptone	5.0
Agar	15.0

\* adjusted as required to meet performance standards

**Preparation**

Suspend Malt Extract Agar (50.0 grams / litre) in de-ionised water. Heat to dissolve. Cool and dispense 250ml into final containers, 300ml sirop bottles. Sterilise at 115°C for 10 minutes. When cool, label each bottle and pack in units of 10 into labelled boxes.

**Format**

Ten sirop bottles with screw cap closures in a box.

**Labels**

Label gives details of product name, product code, recommended storage temperature, lot number and expiry date.

**Physical Characteristics**

pH	5.6 ± 0.2
Colour	Straw 5 to Amber 1
Clarity	Clear
Fill weight	250.0 – 254.0g

**Packaging and presentation**

General appearance of bottle and label should be satisfactory. Label data should be correct.

**Contamination Check**

Macroscopic examination should show no evidence of microbial growth after incubation at 20-24°C and 30-34°C for 5 days.

**Microbiological Tests Using Optimum Inoculum Dilution**

**Microbiology is conducted after the agar has been melted by autoclaving at 100°C for 30 minutes, cooled to 45-50°C, then dispensed into Petri dishes and allowed to set.**

**Results after incubation at 23-27°C for 5 days**Positive controls

Inoculum 10-100 colony forming units

<i>Candida albicans</i>	ATCC® 10231	Cream colonies
<i>Aspergillus brasiliensis</i>	ATCC® 16404	White mycelia with black spores
<i>Saccharomyces cerevisiae</i>	ATCC® 9763	Cream colonies

Colony counts shall be equal to or greater than 50% of the control media Sabouraud Dextrose Agar and Tryptone Soya Agar (*A. brasiliensis*).

**Storage conditions**

Store away from light between 2-25°C.

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Revision Date: January 2020 V4