

PRODUCT SPECIFICATION

POTATO DEXTROSE AGAR

PO0186A

Typical Formula*

	grams per litre
Potato extract	4.0**
Glucose (anhydrous)	20.0
Agar	15.0

*adjusted as required to meet performance standards

**equivalent to 200g infusion from potatoes

Preparation

Suspend Potato Dextrose Agar (39.0 grams / litre) in de-ionised water. Sterilise at 121°C for 15 minutes. Cool and aseptically dispense into Petri dishes. Label dishes, wrap and label pack.

Format

Ten 90mm plates wrapped in a single nylon wrap. Each plate is ink-jet printed with (abbreviated) product name, product code, lot number and expiry date.

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 1
Clarity	Clear
Fill weight	19 ± 2.0g

Packaging and presentation

General appearance of packaging 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

Positive controls

Inoculum 10 - 100 colony forming units.

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

<i>Bacillus subtilis</i>	ATCC®6633	Irregular straw colonies
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Tested in accordance with the harmonised methods described in the current European, United States and Japanese pharmacopoeias microbial enumeration tests.

Results after incubation at 20 - 25°C for 5 - 7 days

<i>Aspergillus brasiliensis</i>	ATCC®16404	White mycelia, black spores
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Colony counts shall be equal to or greater than 50% of the control medium (Tryptone Soya Agar)

Storage conditions

Store away from light between 2 - 10°C.

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