

OXOID PRODUCT SPECIFICATION

POTATO DEXTROSE AGAR

PO0186A

Typical Formula

| | grams per litre |
|----------------|-----------------|
| Potato extract | 4.0 |
| Glucose | 20.0 |
| Agar | 15.0 |

Preparation

Suspend Potato Dextrose Agar (39 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 cellulose-based film 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

Physical Tests

| | |
|-------------|---------------|
| pH | 5.6 ± 0.2 |
| Colour | Straw |
| Clarity | Clear |
| Fill weight | 19.5g ± 1.0g. |

Packaging and presentation:

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

Sterility Test

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 20-25°C for 5 days

| | | |
|--------------------------|-------------|------------------------------|
| <i>Aspergillus niger</i> | ATCC® 16404 | White mycelia, black spores. |
|--------------------------|-------------|------------------------------|

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

| | | |
|--------------------------|------------|---------------------------|
| <i>Bacillus subtilis</i> | ATCC® 6633 | Irregular, straw colonies |
|--------------------------|------------|---------------------------|

Colony counts shall be equal to or greater than 50% of the control medium.

Storage conditions

Store away from the light between 2-10°C.

The Microbiological Quality Control of this product complies with the following Pharmacopoeias;

British Pharmacopoeia 2005

European Pharmacopoeia 6th Edition 2008

The Japanese Pharmacopoeia JP 15 2006

The United States Pharmacopoeia USP 32 2009