

Distribution: Central File

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OXOID QUALITY ASSURANCE

PRODUCT SPECIFICATION

PERFRINGENS AGAR BASE

Typical Formula, Oxoid CM587

BO0634M

| | grams per litre |
|-------------------------|-----------------|
| Tryptose | 15.0 |
| Soya peptone | 5.0 |
| Yeast extract | 5.0 |
| Sodium metabisulphite | 1.0 |
| Ferric ammonium citrate | 1.0 |
| Agar | 19.0 |

Preparation

Suspend Perfringens Agar Base (46g/litre) in deionised water. Heat to dissolve. Cool and dispense 100ml final containers, 125ml Sirop bottles. Sterilise at 121°C for 15 minutes. When cooled, label each bottle and pack in units of 10 into labelled boxes.

Format

Ten sirop bottles with plastic 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

Physical Tests

| | |
|-------------|-----------------|
| pH | - 7.6 ± 0.2 |
| Colour | - Straw\green |
| Clarity | - Clear |
| Fill volume | - 100ml + 1.5ml |

Packaging and presentation:

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

Sterility Test

Macroscopic examination should show no evidence of microbial growth after incubation at 20-25°C and 30-35°C for 5 days.



Microbiological Tests Using Optimum Inoculum Dilution

**Results after incubation at 37°C for 36-48 hours under anaerobic conditions
(for details refer to Oxoid Manual – Atmosphere Generation Systems)**

Inoculum less than 100 colony forming units.

Clostridium perfringens ATCC 13124 Black colonies with halo

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

Storage conditions

Store away from the light at between 2 - 25°C.

To prepare Shahidi-Ferguson Perfringens (SFP) Agar add Egg Yolk (SR0047) and SFP Supplement (SR0093).

To prepare Tryptose Sulphite Cycloserine Agar (TSC Agar) add Egg Yolk (SR0047) and TSC Supplement (SR0088).

TSC Agar can also be prepared without the addition of Egg Yolk (SR0047).

Refer to Oxoid Manual for full details.

