PRODUCT SPECIFICATION

OXOID ACTINOMYCES SELECTIVE AGAR (FAA + DEEP FILL)    PB1220A

Typical Formula*

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Amount (grams per litre)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peptone</td>
<td>23.0</td>
</tr>
<tr>
<td>Sodium chloride</td>
<td>5.0</td>
</tr>
<tr>
<td>Starch</td>
<td>1.0</td>
</tr>
<tr>
<td>Glucose</td>
<td>1.0</td>
</tr>
<tr>
<td>Sodium pyruvate</td>
<td>1.0</td>
</tr>
<tr>
<td>L-Arginine</td>
<td>1.0</td>
</tr>
<tr>
<td>Sodium succinate</td>
<td>0.5</td>
</tr>
<tr>
<td>Cysteine HCl monohydrate</td>
<td>0.5</td>
</tr>
<tr>
<td>Sodium bicarbonate</td>
<td>0.4</td>
</tr>
<tr>
<td>Soluble pyrophosphate</td>
<td>0.25</td>
</tr>
<tr>
<td>Haemin</td>
<td>0.01</td>
</tr>
<tr>
<td>Vitamin K</td>
<td>0.001</td>
</tr>
<tr>
<td>Agar</td>
<td>12.0</td>
</tr>
</tbody>
</table>

*adjusted as required to meet performance standards

Additions

- Defibrinated horse blood: 100ml
- Metronidazole: 2.5mg
- Nalidixic Acid: 25.0mg

Preparation

Suspend Fastidious Anaerobe Agar (46.0 grams / litre) in de-ionised water. Sterilise at 121°C for 15 minutes. Cool and aseptically add defibrinated horse blood (100ml / litre), metronidazole (2.5mg / litre) and nalidixic acid (25mg / litre), Mix and aseptically dispense into Petri dishes. Label dishes, wrap and label pack.

Format

Ten 90mm plates wrapped in a single nylon 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

- pH: 7.2 ± 0.2
- Colour: Ruby red
- Clarity: Opaque
- Fill weight: 22.75 ± 0.75g

Packaging and presentation

General appearance of pack 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

Results after incubation at 35-39°C for 5 days under anaerobic conditions

Positive control
Inoculum 10 - 100 colony forming units.

*Actinomyces israelii*  
NCTC 4860  
White colonies

Colony counts shall be equal to or greater than 50% of the control medium (Columbia blood agar).

Results after incubation at 35-39°C for 5 days

Negative control
Inoculum 10,000 - 100,000 colony forming units.

*Escherichia coli*  
ATCC® 25922  
No growth

Inoculum determined on the control medium (Tryptone Soya Agar).

Storage Conditions
Store away from light between 2 -10°C.

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