OXOID PRODUCT SPECIFICATION

BRILLIANCE™ STAPH 24 AGAR  PO1186A

Typical Formula

<table>
<thead>
<tr>
<th>Component</th>
<th>Grams per litre</th>
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</thead>
<tbody>
<tr>
<td>Peptone</td>
<td>21.0</td>
</tr>
<tr>
<td>Chromogenic mix</td>
<td>5.0</td>
</tr>
<tr>
<td>Sodium Pyruvate</td>
<td>4.0</td>
</tr>
<tr>
<td>Lithium chloride</td>
<td>5.0</td>
</tr>
<tr>
<td>Agar</td>
<td>14.0</td>
</tr>
</tbody>
</table>

Additions

Chromogen
Antibiotic mixture

Preparation

Suspend Brilliance™ Staph 24 agar base (49.0 grams / litre) in de-ionised water. Sterilise at 121°C for 15 minutes. Cool and aseptically add chromogen and antibiotic mixture, mix. 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 7.2 ± 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

Results after incubation at 35-39°C for 18-24 hours

Positive controls
Inoculum 10-100 colony forming units.

\[ \text{Staphylococcus aureus} \quad \text{ATCC® 25923} \quad \text{blue colonies} \]
\[ \text{Staphylococcus aureus} \quad \text{ATCC® 6538} \quad \text{blue colonies} \]

Colony counts shall be equal to or greater than 70% of the control medium.

\[ \text{Staphylococcus saprophyticus} \quad \text{ATCC® 15305} \quad \text{white colonies} \]

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

Negative controls
Inoculum 1,000-10,000 colony forming units.

\[ \text{Escherichia coli} \quad \text{ATCC® 25922} \quad \text{No growth} \]
\[ \text{Bacillus cereus} \quad \text{ATCC® 10876} \quad \text{No growth} \]
\[ \text{Enterococcus faecalis} \quad \text{ATCC® 29212} \quad \text{No growth} \]

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

\[ \text{Staphylococcus epidermidis} \quad \text{ATCC® 12228} \quad \text{Inhibited as slight background film} \]

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