Oat Meal Powder

**Principle And Interpretation**
Oat meal powder is obtained from oat grains and manufactured under controlled conditions. Oat meal powder provides nitrogen, carbon protein and other nutrients necessary for the growth of fungi. Hence it is used in media for growth of fungi.

**Quality Control**

**Appearance**
Brownish yellow, homogeneous powder, having characteristic but not putrescent odour.

**Solubility**
Insoluble in distilled/purified water, methanol, acetone and alcohol.

**Cultural response**
Cultural characteristics observed after an incubation at 25-30°C for 18-48 hours by preparing Oat Meal agar (M397) using Oat Meal Powder as an ingredient.

<table>
<thead>
<tr>
<th>Organism</th>
<th>Growth</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Candida albicans</em> ATCC 10231</td>
<td>Luxuriant</td>
</tr>
<tr>
<td><em>Saccharomyces cerevisiae</em> ATCC 9763</td>
<td>Luxuriant</td>
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<tr>
<td><em>Aspergillus brasiliensis</em> ATCC 16404</td>
<td>Luxuriant</td>
</tr>
</tbody>
</table>

**Chemical Analysis**

- Total Nitrogen: >= 1.5%
- Sodium chloride: <= 2.0%
- Loss on drying: <= 5.0%
- Residue on ignition: <= 5.0%

**Storage and Shelf Life**
Store below 30°C. Use before expiry date on the label.

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