# Product Information

**MEDIUM:**

3M Petrifilm Coliform Count Plates (6410/6411/6416/6443)

**ISO/BSI CERTIFICATE OF REGISTRATION NUMBER:**

Manufactured at Wroclaw, Poland (ISO 9001:2008, FM 581890)

Manufactured at Brookings, SD, USA (ISO 9001:2008, FM 14552)

**DATE OF EXPIRATION/LOT NUMBER:**

expiry and lot number indicated on each package. Lot number indicated on each plate.

**FORMULATION:**

Violet Red Bile nutrients, cold-water soluble gel, and tetrazolium indicator

**METHOD OF PREPARATION:**

Nutrients and gels coated onto film. For use, hydrate with one mL aqueous sample or dilution of sample. See product instructions for detailed instructions.

**CONTAMINATION CHECK:**

96 randomized plates per batch tested

Incubated at 32°C for 24 and 48 hours

Utilizes statistical sampling plan

**EFFICACY CHECK:**

<table>
<thead>
<tr>
<th>Organism</th>
<th>Acceptable Batch</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Escherichia coli</em> ATCC 51813</td>
<td>Quality Test Statistic ≥-3*</td>
</tr>
<tr>
<td><em>Enterobacter amnigenus</em> ATCC 51816</td>
<td>Quality Test Statistic ≥-3*</td>
</tr>
<tr>
<td><em>Klebsiella oxytoca</em> ATCC 51817</td>
<td>Quality Test Statistic ≥-3*</td>
</tr>
<tr>
<td><em>Enterococcus faecalis</em> ATCC 14506</td>
<td>No Growth</td>
</tr>
</tbody>
</table>

*Result must be greater than or equal to 3 standard deviations below the mean count on reference agar

ISO 11133:

Meets the applicable criteria for routine quality control and microbiological performance of ISO 11133.

<table>
<thead>
<tr>
<th>Organism</th>
<th>Acceptable Batch</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Escherichia coli</em> ATCC 25922</td>
<td>Productivity Ratio &gt; 0.5</td>
</tr>
<tr>
<td><em>Escherichia coli</em> ATCC 8739</td>
<td>Productivity Ratio &gt; 0.5</td>
</tr>
<tr>
<td><em>Enterococcus faecalis</em> ATCC 29212</td>
<td>No Growth</td>
</tr>
<tr>
<td><em>Enterococcus faecalis</em> ATCC 19433</td>
<td>No Growth</td>
</tr>
<tr>
<td><em>Pseudomonas aeruginosa</em> ATCC 27853</td>
<td>Atypical Growth</td>
</tr>
</tbody>
</table>

**PACKAGING:**

Pack size: 25 plates per foil pouch

Film grade: Plastic foil laminate

Seal integrity check: Pressure decay test performed

**MEASUREMENT SYSTEMS CALIBRATION AND TRACEABILITY:**

Incubator temperature

3M internal calibration

Minimum calibration once per year for all equipment

**MEDIA QUALITY STATEMENT:**

Certificate of Analysis available on 3m.com/foodsafety

**SHELF LIFE:**

18 months from date of manufacture

**STORAGE CONDITIONS:**

Store at temperatures less than or equal to 8°C