



# 3M™ Petrifilm™ – E. coli/Coliform Count Plates

## Product Information

<b>MEDIUM:</b>	Petrifilm™ E. coli/Coliform Count plates (6404 /6414/6444)											
<b>ISO/BSI CERTIFICATE OF REGISTRATION NUMBER:</b>	3M Food Safety is certified to ISO-9001:2008, FM 14552 Manufactured at Brookings, South Dakota, U.S.A.											
<b>DATE OF EXPIRATION/ LOT NUMBER</b>	Expiry and lot number indicated on each package. Lot number indicated on each plate.											
<b>FORMULATION:</b>	Violet red bile nutrients, cold-water-soluble gel, tetrazolium indicator, bromo-chloro-indolyl- $\beta$ -D-glucuronide indicator											
<b>METHOD OF PREPARATION:</b>	Nutrients and gels coated onto film. For use, hydrate with one ml aqueous sample or dilution of sample. See product instructions for detailed information.											
<b>CONTAMINATION CHECK:</b>	Minimum 80 plates per batch tested Incubated at 32°C for 24 hours Columbia sequential sampling plan											
<b>EFFICACY CHECK:</b>	Complement of organisms tested includes, among others: <table><thead><tr><th><u>Organism</u></th><th><u>Result</u></th><th><u>Acceptable Batch</u></th></tr></thead><tbody><tr><td><i>Escherichia coli</i> ATCC 51813</td><td>Colonies blue with gas</td><td rowspan="2">Counts not lower than 3 standard deviations below the count on VRB agar plates.</td></tr><tr><td><i>Enterobacter amnigenus</i> ATCC 51816</td><td>Colonies red with gas</td></tr><tr><td><i>Enterococcus faecalis</i> ATCC 14506</td><td>No Growth</td><td>No Growth</td></tr></tbody></table>	<u>Organism</u>	<u>Result</u>	<u>Acceptable Batch</u>	<i>Escherichia coli</i> ATCC 51813	Colonies blue with gas	Counts not lower than 3 standard deviations below the count on VRB agar plates.	<i>Enterobacter amnigenus</i> ATCC 51816	Colonies red with gas	<i>Enterococcus faecalis</i> ATCC 14506	No Growth	No Growth
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<b>ISO 11133:</b>	Meets the applicable criteria for routine quality control and microbiological performance of ISO 11133. <table><thead><tr><th><u>Organism</u></th><th><u>Acceptable Batch</u></th></tr></thead><tbody><tr><td><i>Escherichia coli</i> ATCC 25922</td><td>Productivity Ratio <math>\geq</math> 0.5</td></tr><tr><td><i>Enterococcus faecalis</i> ATCC 29212</td><td>Total Inhibition</td></tr><tr><td><i>Pseudomonas aeruginosa</i> ATCC 27853</td><td>Atypical of Coliform Colonies</td></tr></tbody></table>	<u>Organism</u>	<u>Acceptable Batch</u>	<i>Escherichia coli</i> ATCC 25922	Productivity Ratio $\geq$ 0.5	<i>Enterococcus faecalis</i> ATCC 29212	Total Inhibition	<i>Pseudomonas aeruginosa</i> ATCC 27853	Atypical of Coliform Colonies			
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<b>PACKAGING:</b>	Pack size: 25 plates per foil pouch Film grade: Plastic foil laminate Seal integrity check: Delamination seal integrity test performed											
<b>MEASUREMENT SYSTEMS CALIBRATION AND TRACEABILITY:</b>	Incubator temperature. 3M internal calibration. Minimum calibration once per year for all equipment.											
<b>MEDIA QUALITY STATEMENT:</b>	Quality assurance certificate included in package											
<b>SHELF LIFE:</b>	18 months from date of manufacture											
<b>STORAGE CONDITIONS:</b>	Store at temperatures less than or equal to 8°C											
<b>SIGNED:</b>												

Marta Henrickson  
Quality Assurance