

# 3M™ Petrifilm™ Enterobacteriaceae Count Plates

## Product Information

<b>MEDIUM:</b>	3M Petrifilm Enterobacteriaceae Count Plates (6420/6421)												
<b>ISO/BSI CERTIFICATE OF REGISTRATION NUMBER:</b>	Manufactured at Wroclaw, Poland (ISO 9001:2015, FM 581890) Manufactured at Brookings, SD, USA (ISO 9001:2015, FM 14552)												
<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 with Glucose nutrients, cold-water soluble gel, and tetrazolium 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 package insert for detailed instructions.												
<b>CONTAMINATION CHECK:</b>	96 randomized plates per batch tested Incubated at 32°C for 24 and 48 hours Utilizes statistical sampling plan												
<b>EFFICACY CHECK:</b>	Complement of organisms tested includes, among others: <table><thead><tr><th><u>Organism</u></th><th><u>Acceptable Batch</u></th></tr></thead><tbody><tr><td><i>Escherichia coli</i> ATCC 51813</td><td>Typical Growth and Quality Test Statistic <math>\geq -3^*</math></td></tr><tr><td><i>Enterobacter amnigenus</i> ATCC 51816</td><td>Typical Growth and Quality Test Statistic <math>\geq -3^*</math></td></tr><tr><td><i>Salmonella</i> sp. ATCC 51812</td><td>Typical Growth and Quality Test Statistic <math>\geq -3^*</math></td></tr><tr><td><i>Pseudomonas aeruginosa</i> ATCC 35554</td><td>Red Colonies without Gas or Acid</td></tr><tr><td><i>Enterococcus faecalis</i> 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	<u>Organism</u>	<u>Acceptable Batch</u>	<i>Escherichia coli</i> ATCC 51813	Typical Growth and Quality Test Statistic $\geq -3^*$	<i>Enterobacter amnigenus</i> ATCC 51816	Typical Growth and Quality Test Statistic $\geq -3^*$	<i>Salmonella</i> sp. ATCC 51812	Typical Growth and Quality Test Statistic $\geq -3^*$	<i>Pseudomonas aeruginosa</i> ATCC 35554	Red Colonies without Gas or Acid	<i>Enterococcus faecalis</i> ATCC 14506	No Growth
<u>Organism</u>	<u>Acceptable Batch</u>												
<i>Escherichia coli</i> ATCC 51813	Typical Growth and Quality Test Statistic $\geq -3^*$												
<i>Enterobacter amnigenus</i> ATCC 51816	Typical Growth and Quality Test Statistic $\geq -3^*$												
<i>Salmonella</i> sp. ATCC 51812	Typical Growth and Quality Test Statistic $\geq -3^*$												
<i>Pseudomonas aeruginosa</i> ATCC 35554	Red Colonies without Gas or Acid												
<i>Enterococcus faecalis</i> ATCC 14506	No Growth												
<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 0.5</math></td></tr><tr><td><i>Escherichia coli</i> ATCC 8739</td><td>Productivity Ratio <math>\geq 0.5</math></td></tr><tr><td><i>Salmonella enterica</i> subsp <i>enterica</i></td><td>Productivity Ratio <math>\geq 0.5</math></td></tr><tr><td>Typhimurium ATCC 14028</td><td></td></tr><tr><td><i>Enterococcus faecalis</i> ATCC 29212</td><td>No Growth</td></tr></tbody></table>	<u>Organism</u>	<u>Acceptable Batch</u>	<i>Escherichia coli</i> ATCC 25922	Productivity Ratio $\geq 0.5$	<i>Escherichia coli</i> ATCC 8739	Productivity Ratio $\geq 0.5$	<i>Salmonella enterica</i> subsp <i>enterica</i>	Productivity Ratio $\geq 0.5$	Typhimurium ATCC 14028		<i>Enterococcus faecalis</i> ATCC 29212	No Growth
<u>Organism</u>	<u>Acceptable Batch</u>												
<i>Escherichia coli</i> ATCC 25922	Productivity Ratio $\geq 0.5$												
<i>Escherichia coli</i> ATCC 8739	Productivity Ratio $\geq 0.5$												
<i>Salmonella enterica</i> subsp <i>enterica</i>	Productivity Ratio $\geq 0.5$												
Typhimurium ATCC 14028													
<i>Enterococcus faecalis</i> ATCC 29212	No Growth												
<b>PACKAGING:</b>	Pack size: 25 plates per foil pouch Film grade: Plastic foil laminate Seal integrity check: Pressure decay 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>	Certificate of Analysis available on <a href="https://www.3m.com/foodsafety">3m.com/foodsafety</a>												
<b>SHELF LIFE:</b>	18 months from date of manufacture												
<b>STORAGE CONDITIONS:</b>	Store at temperatures less than or equal to 8°C												