Title: Fluid Milk Products: Shelf Life Preliminary Incubation Method With 3M™ Petrifilm™ Aerobic Count Plates

Number: TB.034.01
Effective Date: 8/2008
Supersedes: 1/1/2006
Technology Platform: Indicator Organism Testing
Originating Location: St. Paul, Minnesota

10 mL → Incubate for 18 hr ± 10 min. @ 21° C

Into Cooler for Sensory Evaluation

1:1000 dilution

Incubate for 48 hr @ 21° C **

** OK to check at 24 hr
If >200,000 CFU, no need to continue incubating
If <200,000 CFU, continue incubating to 48 hrs

3M™ Petrifilm™ Aerobic Count Plate
Calculated Shelf Life based on Petrifilm Aerobic Count Plate Result

<table>
<thead>
<tr>
<th>CFU</th>
<th>Shelf Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;1,000</td>
<td>&gt;14 days</td>
</tr>
<tr>
<td>1,000 – 200,000</td>
<td>10-14 days</td>
</tr>
<tr>
<td>&gt;200,000</td>
<td>&lt;10 days</td>
</tr>
</tbody>
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References: