PRODUCT SPECIFICATION SHEET
ACETIC ACID, GLACIAL
MEETS USP/NF GRADE MONOGRAPH

Main Catalog Number: 281000USP

Available in 55 gallon Drums only

<table>
<thead>
<tr>
<th>TEST</th>
<th>SPECIFICATION</th>
<th>TYPICAL ANALYSIS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assay (CH₃COOH)</td>
<td>99.5-100.5 wt%</td>
<td>99.9%</td>
</tr>
<tr>
<td>Identification</td>
<td>Meets the Requirements</td>
<td>Pass</td>
</tr>
<tr>
<td>Chloride (Cl)</td>
<td>To Pass Test</td>
<td>Pass</td>
</tr>
<tr>
<td>Sulfate (SO₄)</td>
<td>To Pass Test</td>
<td>Pass</td>
</tr>
<tr>
<td>Nonvolatile Residue</td>
<td>NMT 1 mg/ 20 mL</td>
<td>&lt;1 mg</td>
</tr>
<tr>
<td>Readily Oxidizable Substances</td>
<td>To Pass Test</td>
<td>Pass</td>
</tr>
<tr>
<td>Congealing Temperature</td>
<td>NLT 15.6°C</td>
<td>Pass</td>
</tr>
</tbody>
</table>

Form Acetic Acid-Glacial, USP, Rev.1.0, 01/18, EF

This product is for further commercial manufacturing, laboratory or research use, and may be used as an excipient or a process solvent for pharmaceutical purposes. It is not intended for use as an active ingredient in drug manufacturing nor as a medical device or disinfectant. Appropriate/legal use of this product is the responsibility of the user.