Sorbic acid

Niran BioChemical Limited. Your reliable food ingredients and chemicals supplier.
Sorbic acid and its salts are antimicrobial agents often used as preservatives in food and drinks to prevent the growth of mold, yeast, and fungi. In general, the salts are preferred over the acid form because they are more soluble in water, but it is the acid form that is active. The optimal pH for the antimicrobial activity is below pH 6.5. Sorbic acid is used as food antiseptic, or used as antiseptic for medicine, light industry & cosmetics, or used in resin, flavor and rubber.

**APPLICATIONS**

Sorbic acid as a white needle crystal or powder, slightly soluble in water, soluble in various organic solvents. The FAO and WHO recommended safe and efficient preservative, widely used in food, beverages, tobacco, pesticides, cosmetics, agricultural, and other industries. As the unsaturated acid can also be used for resins, spices and rubber industry.

**PRODUCT INTRODUCTION**

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**Specifications overview**

**Product name** Sorbic acid

**Other name** hexadienoic acid

**CAS No** 110-44-1

**Routine Packing** 25kg/bag

**Place of origin** China

**Certifications** ISO, HALAL, Kosher

**Quantity in 20' FCL**

- 15 MT with pallets
- 19 MT without pallets
## FAQs

1. Is it natural antioxidants?

Sorbic acid is a natural organic compound used as a food preservative.

### Specification table

<table>
<thead>
<tr>
<th>Test</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Appearance</td>
<td>white crystalline powder</td>
</tr>
<tr>
<td>2. Assay (dry basis)</td>
<td>98.0-101.0 %</td>
</tr>
<tr>
<td>3. Water</td>
<td>≤ 0.5%</td>
</tr>
<tr>
<td>4. Melting range</td>
<td>132-135°C</td>
</tr>
<tr>
<td>5. Aldehyde (as Formaldehyde)</td>
<td>≤ 0.1 %</td>
</tr>
<tr>
<td>6. Lead (Pb)</td>
<td>≤ 2 ppm</td>
</tr>
<tr>
<td>7. Mercury (Hg)</td>
<td>≤ 1 ppm</td>
</tr>
<tr>
<td>8. Heavy Metals (as Pb)</td>
<td>≤ 10 ppm</td>
</tr>
<tr>
<td>9. Arsenic</td>
<td>≤ 2 ppm</td>
</tr>
<tr>
<td>10. Residue on ignition</td>
<td>≤ 0.2%</td>
</tr>
</tbody>
</table>
CONTACT US
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