

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

<b>Product:</b>	<b>Propanal, Natural</b>
<b>FEMA No:</b>	<b>2923</b>
<b>CAS No:</b>	<b>123-38-6</b>
<b>CFR No:</b>	<b>117</b>
<b>Chemical name or Synonyms:</b>	<b>Propionaldehyde</b>
<b>Empirical Formula:</b>	<b>C<sub>3</sub>H<sub>6</sub>O</b>
<b>Declaration in USA:</b>	<b>Natural</b>
<b>EEC:</b>	<b>Natural flavoring substance</b>
<b>Appearance:</b>	<b>Colorless, clear liquid</b>
<b>Odor:</b>	<b>Sharp, ethereal</b>
<b>Boiling Point:</b>	<b>46-50°C</b>
<b>Flash Point:</b>	<b>-27°C</b>
<b>Specific Gravity @ 25°C: (for liquids only)</b>	<b>0.795-0.830</b>
<b>Refractive Index @ 20°C: (for liquids only)</b>	<b>1.355-1.375</b>
<b>Purity (GLC):</b>	<b>97% Min</b>
<b>Solubility:</b>	<b>Soluble in water and alcohol</b>
<b>Storage and Shelf Life:</b>	<b>Store under nitrogen in cool, dry conditions, in a clean environment away from light and ignition sources. 24 months shelf life</b>

Revision #3 8/18/2022