

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

<b>Product:</b>	<b>Benzaldehyde, Natural (Import Domestic)</b>
<b>FEMA No:</b>	<b>2127</b>
<b>CAS No:</b>	<b>100-52-7</b>
<b>CFR No:</b>	<b>117</b>
<b>Chemical name or Synonyms:</b>	<b>Phenylmethanal</b>
<b>Empirical Formula:</b>	<b>C<sub>7</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 to pale yellow liquid</b>
<b>Odor:</b>	<b>Characteristic</b>
<b>Boiling Point:</b>	<b>178°C</b>
<b>Flash Point:</b>	<b>64°C</b>
<b>Specific Gravity @ 25°C: (for liquids only)</b>	<b>1.041-1.046</b>
<b>Refractive Index @ 20°C: (for liquids only)</b>	<b>1.544-1.547</b>
<b>Purity (GLC):</b>	<b>98% Min</b>
<b>Solubility:</b>	<b>Slightly soluble in water Soluble in ethanol, ether; in fixed or volatile oils</b>
<b>Storage and Shelf Life:</b>	<b>Store in tightly sealed original containers at a temperature of 4°C. Avoid prolonged exposure to light, heat and air. Protect from ignition sources. 12 Months shelf life – Under Nitrogen</b>

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