

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

<b>Product:</b>	<b>Beta Caryophyllene, Natural</b>
<b>FEMA No:</b>	<b>2252</b>
<b>CAS No:</b>	<b>87-44-5</b>
<b>CFR No:</b>	<b>117</b>
<b>Chemical name or Synonyms:</b>	<b>β- caryophyllene</b>
<b>Empirical Formula:</b>	<b>C<sub>15</sub>H<sub>24</sub>O</b>
<b>Declaration in USA:</b>	<b>Natural</b>
<b>EEC:</b>	<b>Natural flavoring substance</b>
<b>Appearance:</b>	<b>Colorless liquid</b>
<b>Odor:</b>	<b>Terpene; midway between cloves and turpentine</b>
<b>Boiling Point:</b>	<b>262-264°C</b>
<b>Flash Point:</b>	<b>93°C</b>
<b>Specific Gravity @ 25°C: (for liquids only)</b>	<b>0.899-0.908</b>
<b>Refractive Index @ 20°C: (for liquids only)</b>	<b>1.498-1.504</b>
<b>Purity (GLC):</b>	<b>80% Min</b>
<b>Solubility:</b>	<b>Soluble in oils, ether and ethanol; Insoluble in water</b>
<b>Storage and Shelf Life:</b>	<b>Store in glass or suitably lined containers away from direct sunlight. Recommended storage in unopened containers 24 Months shelf life</b>

Revision #3 8/7/2022