

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

<b>Product:</b>	<b>Alpha Thujene, Natural</b>
<b>FEMA No:</b>	<b>N/A</b>
<b>CAS No:</b>	<b>2867-05-2</b>
<b>CFR No:</b>	<b>117</b>
<b>Chemical name or Synonyms:</b>	<b>4-methyl-1-propan-2-yl bicyclo(3.1.0)hex-3-ene</b>
<b>Empirical Formula:</b>	<b>C<sub>10</sub>H<sub>16</sub></b>
<b>Declaration in USA:</b>	<b>Natural</b>
<b>EEC:</b>	
<b>Appearance:</b>	<b>Colorless clear liquid</b>
<b>Odor:</b>	<b>Woody green herb</b>
<b>Boiling Point:</b>	<b>152°C</b>
<b>Flash Point:</b>	<b>33°C</b>
<b>Specific Gravity @ 25°C: (for liquids only)</b>	<b>0.828-0.845</b>
<b>Refractive Index @ 20°C: (for liquids only)</b>	<b>1.447-1.455</b>
<b>Purity (GLC):</b>	<b>90% min</b>
<b>Solubility:</b>	<b>Soluble in alcohol; insoluble in water</b>
<b>Storage and Shelf Life:</b>	<b>Store cool, dry, well ventilated, in tightly closed containers, protected from light and ignition sources. 24 months shelf life</b>

Revision #3 8/5/2022