

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

<b>Product:</b>	<b>Citronellal, Natural</b>
<b>FEMA No:</b>	<b>2307</b>
<b>CAS No:</b>	<b>106-23-0</b>
<b>CFR No:</b>	<b>117</b>
<b>Chemical name or Synonyms:</b>	<b><math>\beta</math>-Citronellal; 3,7-Dimethyl-6-Octen-1-al</b>
<b>Empirical Formula:</b>	<b>C<sub>10</sub>H<sub>18</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 slightly yellow liquid</b>
<b>Odor:</b>	<b>Intense lemon, citronella, rose type</b>
<b>Boiling Point:</b>	<b>206°C</b>
<b>Flash Point:</b>	<b>98°C</b>
<b>Specific Gravity @ 25°C: (for liquids only)</b>	<b>0.850-0.865</b>
<b>Refractive Index @ 20°C: (for liquids only)</b>	<b>1.446-1.456</b>
<b>Purity (GLC):</b>	<b>85% Min beta Citronellal</b>
<b>Solubility:</b>	<b>Soluble in fixed oils and ethanol; insoluble in water and glycerol; slightly soluble in propylene glycol</b>
<b>Storage and Shelf Life:</b>	<b>Store in a cool, dry area away from light and ignition source 24 months shelf life</b>

Revision #5 8/9/2022