

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

<b>Product:</b>	<b>L-Carvone, Natural</b>
<b>FEMA No:</b>	<b>2249</b>
<b>CAS No:</b>	<b>6485-40-1</b>
<b>CFR No:</b>	<b>117</b>
<b>Chemical name or Synonyms:</b>	<b><i>p</i>-mentha-6,8-dien-2-one</b>
<b>Empirical Formula:</b>	<b>C<sub>10</sub>H<sub>14</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 straw colored liquid</b>
<b>Odor:</b>	<b>Spearmint aroma</b>
<b>Boiling Point:</b>	<b>231°C</b>
<b>Flash Point:</b>	<b>89°C</b>
<b>Specific Gravity @ 25°C: (for liquids only)</b>	<b>0.955-0.965</b>
<b>Refractive Index @ 20°C: (for liquids only)</b>	<b>1.495-1.500</b>
<b>Purity (GLC):</b>	<b>97% Min</b>
<b>Solubility:</b>	<b>Soluble in propylene glycol and most fixed oils miscible in alcohol (1:2mL 70% alcohol); insoluble in glycerin</b>
<b>Storage and Shelf Life:</b>	<b>Avoid heat and light. Store in full containers under nitrogen. Displace air with nitrogen when partially emptying to avoid spoilage- 12 Months shelf life</b>

Revision #3 8/15/2022