

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

<b>Product:</b>	<b>Mango furanone, Natural</b>
<b>FEMA No:</b>	<b>4101</b>
<b>CAS No:</b>	<b>14400-67-0</b>
<b>CFR No:</b>	<b>117</b>
<b>Chemical name or Synonyms:</b>	<b>2,5-Dimethyl furan-3-one</b>
<b>Empirical Formula:</b>	<b>C<sub>6</sub>H<sub>8</sub>O<sub>2</sub></b>
<b>Declaration in USA:</b>	<b>Natural</b>
<b>EEC:</b>	<b>-</b>
<b>Appearance:</b>	<b>Clear, colorless to pale yellow liquid</b>
<b>Odor:</b>	<b>Berry</b>
<b>Boiling Point:</b>	<b>259°C</b>
<b>Flash Point:</b>	<b>68°C</b>
<b>Specific Gravity @ 25°C: (for liquids only)</b>	<b>1.041-1.070</b>
<b>Refractive Index @ 20°C: (for liquids only)</b>	<b>1.470-1.490</b>
<b>Purity (GLC):</b>	<b>98% min</b>
<b>Solubility:</b>	<b>Slightly soluble in water; soluble in alcohol and most organic solvents.</b>
<b>Storage and Shelf Life:</b>	<b>Store under cool conditions in a clean environment away from light and ignition sources. Recommended storage in unopened containers - 12 Months shelf life</b>

Revision #4 8/15/2022