

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

<b>Product:</b>	<b>Damascenone (Fermentone) 5% in PG, Natural</b>
<b>FEMA No:</b>	<b>3420</b>
<b>CAS No:</b>	<b>23696-85-7 / 57-55-6</b>
<b>CFR No:</b>	<b>117</b>
<b>Empirical formula:</b>	<b>C<sub>13</sub>H<sub>18</sub>O</b>
<b>Chemical name:</b>	<b>2-Buten-1-one,1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)</b>
<b>Appearance:</b>	<b>Clear pale yellow viscous liquid</b>
<b>Odor:</b>	<b>Faint berry</b>
<b>Boiling Point:</b>	<b>265°C</b>
<b>Flash Point:</b>	<b>107°C</b>
<b>Specific Gravity @ 25°C: (for liquids only)</b>	<b>1.028 - 1.035</b>
<b>Refractive Index @ 20°C: (for liquids only)</b>	<b>1.432 – 1.442</b>
<b>Content (GLC):</b>	<b>5% Min. β-Damascenone</b>
<b>Solubility:</b>	<b>Soluble in ether, ethanol and organic solvents</b>
<b>Storage and Shelf Life:</b>	<b>Store cool in tightly closed container away from light and source of ignition 12 Months shelf life</b>

Revision #3  
8/9/2022