

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

<b>Product:</b>	<b>Ethyl Lactate, Natural</b>
<b>FEMA No:</b>	<b>2440</b>
<b>CAS No:</b>	<b>97-64-3</b>
<b>CFR No:</b>	<b>117</b>
<b>Chemical name or Synonyms:</b>	<b>Lactic acid ethyl ester</b>
<b>Empirical Formula:</b>	<b>C<sub>5</sub>H<sub>10</sub>O<sub>3</sub></b>
<b>Declaration in USA:</b>	<b>Natural</b>
<b>EEC:</b>	<b>Natural flavoring substance</b>
<b>Appearance:</b>	<b>Colorless liquid</b>
<b>Acid Value:</b>	<b>5.0 Max</b>
<b>Odor:</b>	<b>Fruity, butterscotch</b>
<b>Boiling Point:</b>	<b>154°C</b>
<b>Flash Point (For liquids only):</b>	<b>49°C</b>
<b>Specific Gravity @ 25°C: (for liquids only)</b>	<b>1.029-1.040</b>
<b>Refractive Index @ 20°C: (For liquids only)</b>	<b>1.408-1.422</b>
<b>Purity (GLC):</b>	<b>97% Min</b>
<b>Solubility:</b>	<b>Soluble in alcohol, ether, chloroform and water</b>
<b>Storage and Shelf Life:</b>	<b>Store under cool conditions in a clean environment away from heat and ignition sources. Recommended storage in unopened containers - 24 months shelf life</b>

Revision #4 March 13, 2019