

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

<b>Product:</b>	<b>Ethyl Valerate, Natural</b>
<b>FEMA No:</b>	<b>2462</b>
<b>CAS No:</b>	<b>539-82-2</b>
<b>CFR No:</b>	<b>117</b>
<b>Chemical name or Synonyms:</b>	<b>Pentanoic acid ethyl ester</b>
<b>Empirical Formula:</b>	<b>C<sub>7</sub>H<sub>14</sub>O<sub>2</sub></b>
<b>Declaration in USA:</b>	<b>Natural</b>
<b>EEC:</b>	<b>Natural flavoring substance</b>
<b>Appearance:</b>	<b>Colorless to pale yellow liquid</b>
<b>Odor:</b>	<b>Strong, fruity, vinous, apple-like dilution</b>
<b>Acid Value:</b>	<b>1.0 max</b>
<b>Boiling Point:</b>	<b>145°C</b>
<b>Flash Point:</b>	<b>27°C</b>
<b>Specific Gravity @ 25°C: (for liquids only)</b>	<b>0.870-0.875</b>
<b>Refractive Index @ 20°C: (for liquids only)</b>	<b>1.399-1.404</b>
<b>Purity (GLC):</b>	<b>98% Min</b>
<b>Solubility:</b>	<b>Slightly soluble in water; soluble in alcohol and ether</b>
<b>Storage and Shelf Life:</b>	<b>Store in cool conditions in a clean environment away from light and ignition sources. Recommended storage in unopened containers- 24 Months shelf life</b>

Revision #3 8/11/2022