

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

<b>Product:</b>	<b>Methyl Isovalerate, Natural</b>
<b>FEMA No:</b>	<b>2753</b>
<b>CAS No:</b>	<b>556-24-1</b>
<b>CFR No:</b>	<b>117</b>
<b>Chemical name or Synonyms:</b>	<b>Isovaleric acid methyl ester</b>
<b>Empirical Formula:</b>	<b>C<sub>6</sub>H<sub>12</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 liquid</b>
<b>Odor:</b>	<b>Pungent; ethereal, fruity (apple-like)</b>
<b>Boiling Point:</b>	<b>115-117°C</b>
<b>Flash Point:</b>	<b>15°C</b>
<b>Specific Gravity @ 25°C: (for liquids only)</b>	<b>0.850-0.880</b>
<b>Refractive Index @ 20°C: (for liquids only)</b>	<b>1.392-1.398</b>
<b>Purity (GLC):</b>	<b>98% Min</b>
<b>Solubility:</b>	<b>Soluble in propylene glycol; slightly soluble in water; miscible with alcohol and oils</b>
<b>Storage and Shelf Life:</b>	<b>Store in a cool place away from light and ignition sources. 24 Months shelf life</b>

Revision #3 8/16/2022