

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

<b>Product:</b>	<b>Butyl Lactate, Natural</b>
<b>FEMA No:</b>	<b>2205</b>
<b>CAS No:</b>	<b>138-22-7</b>
<b>CFR No:</b>	<b>117</b>
<b>Chemical name or Synonyms:</b>	<b>n-butyl lactate</b>
<b>Empirical Formula:</b>	<b>C<sub>7</sub>H<sub>14</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 to pale yellow liquid</b>
<b>Odor:</b>	<b>Characteristic</b>
<b>Boiling Point:</b>	<b>185°C</b>
<b>Flash Point:</b>	<b>69°C</b>
<b>Specific Gravity @ 25°C: (for liquids only)</b>	<b>0.974-0.984</b>
<b>Refractive Index @ 20°C: (for liquids only)</b>	<b>1.418-1.424</b>
<b>Purity (GLC):</b>	<b>95% Min</b>
<b>Solubility:</b>	<b>Soluble in alcohol; slightly soluble in water</b>
<b>Storage and Shelf Life:</b>	<b>Store in a cool, dry place away from heat and ignition source. 12 Months shelf life</b>

Revision #3 8/8/2022