

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

<b>Product:</b>	<b>Lauric Aldehyde (Aldehyde C-12), Natural</b>
<b>FEMA No:</b>	<b>2615</b>
<b>CAS No:</b>	<b>112-54-9</b>
<b>CFR No:</b>	<b>117</b>
<b>Chemical name or Synonyms:</b>	<b>Dodecanaldehyde</b>
<b>Empirical Formula:</b>	<b>C<sub>12</sub>H<sub>24</sub>O</b>
<b>Declaration in USA:</b>	<b>Natural</b>
<b>EEC:</b>	<b>Natural flavoring substance</b>
<b>Appearance:</b>	<b>Colorless to yellow liquid Solidifies at low temperature</b>
<b>Odor:</b>	<b>Characteristic, fatty; reminiscent of violet on dilution</b>
<b>Boiling Point:</b>	<b>249°C</b>
<b>Flash Point:</b>	<b>101.7°C</b>
<b>Specific Gravity @ 25°C: (for liquids only)</b>	<b>0.826-0.840</b>
<b>Refractive Index @ 20°C: (for liquids only)</b>	<b>1.430-1.439</b>
<b>Purity (GLC):</b>	<b>92% Min</b>
<b>Solubility:</b>	<b>Soluble in alcohol, most fixed oils and propylene glycol Insoluble in glycerin and water; 1:2 in 50% alcohol</b>
<b>Storage and Shelf Life:</b>	<b>Store under nitrogen in a cool, dry area in closed containers. Do not expose to temperatures over 25°C 12 Months shelf life</b>

Revision #4 8/15/2022