

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

<b>Product:</b>	<b>Phenethyl phenylacetate, Natural (Manufacturing)</b>
<b>FEMA No:</b>	<b>2866</b>
<b>CAS No:</b>	<b>102-20-5</b>
<b>CFR No:</b>	<b>172.510</b>
<b>Chemical name or Synonyms:</b>	<b>Phenylacetic acid phenethyl ester</b>
<b>Empirical Formula:</b>	<b>C<sub>16</sub>H<sub>16</sub>O<sub>2</sub></b>
<b>Declaration in USA:</b>	<b>Natural</b>
<b>EEC:</b>	<b>-</b>
<b>Appearance:</b>	<b>Colorless to pale yellow or crystalline mass</b>
<b>Odor:</b>	<b>Rosy, heavy sweet floral and balsamic odor</b>
<b>Boiling Point:</b>	<b>325°C</b>
<b>Melting Point:</b>	<b>28°C</b>
<b>Specific Gravity @ 25°C: (for liquids only)</b>	<b>1.077-1.085</b>
<b>Refractive Index @ 20°C: (for liquids only)</b>	<b>1.545-1.551</b>
<b>Purity (GLC):</b>	<b>98% Min</b>
<b>Solubility:</b>	<b>Soluble in alcohol; insoluble in water</b>
<b>Storage and Shelf Life:</b>	<b>Store in tightly closed container away from light and source of ignition at a max. temperature of 20°C. 24 Months shelf life</b>

Revision #2 8/17/2022