

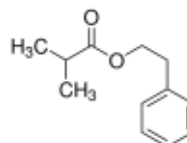
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## Product Specification

Product Name:  
Phenethyl isobutyrate - ≥98%, FCC, FG

**Product Number:** W286206  
**CAS Number:** 103-48-0  
**MDL:** MFCD00026441  
**Formula:** C<sub>12</sub>H<sub>16</sub>O<sub>2</sub>  
**Formula Weight:** 192.25 g/mol



TEST	Specification
Appearance (Color)	Colorless to Pale Yellow
Appearance (Form)	Liquid
Refractive index at 20 °C	1.486 - 1.490
Infrared spectrum	Conforms to Structure
Purity (GC)	≥ 98.0 %
Color test (APHA)	Results
200 APHA Maximum	
Specific Gravity at 25°C	0.987 - 0.990
Acid Value	≤ 1.0 ml
Solubility (Turbidity)	Clear
1ml/3ml 80% Ethanol	
Solubility (Color)	Colorless
Arsenic (As)	≤ 3 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 1 ppm
Lead (Pb)	≤ 10 ppm
Expiration Date Period	-----
5 Years	

Specification: PRD.2.ZQ5.10000017129

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.