

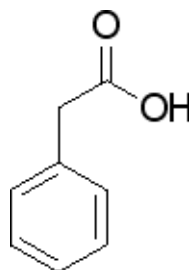
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## Product Specification

Product Name:  
Phenylacetic acid - ≥99%, FCC, FG

Product Number: **W287806**  
CAS Number: 103-82-2  
MDL: MFCD00004313  
Formula: C<sub>8</sub>H<sub>8</sub>O<sub>2</sub>  
Formula Weight: 136.15 g/mol



### TEST

### Specification

Appearance (Color)	White to Off White
Appearance (Form)	Crystals or Crystalline Chunk(s) or Solid
Melting Point	76.0 - 78.0 °C
Infrared spectrum	Conforms to Structure
Purity (GC)	≥ 99.0 %
Purity (Titr. by NaOH) anhyd.	99.0 - 101.0 %
Solubility (Turbidity) c = 1g / 2ml; 50% Ethanol	Clear to Hazy
Solubility (Color)	Colorless to Faint Yellow
Arsenic (As)	≤ 3 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 1 ppm
Lead (Pb)	≤ 10.0 ppm
Expiration Date Period 5 Years	-----

Specification: PRD.0.ZQ5.10000022656

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.