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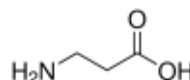
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
β-Alanine - ≥98%, FG

Product Number: W325201
CAS Number: 107-95-9
MDL: MFCD00008200
Formula: C3H7NO2
Formula Weight: 89.09 g/mol



TEST

Specification

Appearance (Color)	White
Appearance (Form)	Powder or Crystals
Initial Melting Point	≥ 198 °C
Final Melting Point	≤ 206 °C
Infrared spectrum	Conforms to Structure
Purity (Titration by HClO4)	98.0 - 102.0 %
Solubility (Turbidity) c = 5% In Water	Clear to Very Slightly Hazy
Solubility (Color)	Colorless to Very Faint Yellow
Arsenic (As)	≤ 3 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 1 ppm
Lead (Pb)	≤ 10 ppm
Expiration Date Period 5 Years	-----

Specification: PRD.2.ZQ5.10000010616

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. 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.