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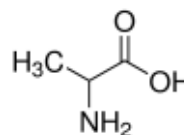
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## Product Specification

Product Name:  
DL-Alanine - ≥99%, FCC, FG

**Product Number:** W381810  
**CAS Number:** 302-72-7  
**MDL:** MFCD00064408  
**Formula:** C3H7NO2  
**Formula Weight:** 89.09 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form) Powder or Crystalline Powder	Conforms to Requirements
Infrared spectrum	Conforms to Structure
Purity (Titration by HClO4) Dried Basis	99.0 - 101.0 %
Loss on Drying	≤ 0.3 %
Residue on ignition (Ash)	≤ 0.2 %
Arsenic (As)	≤ 3 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 1 ppm
Lead (Pb)	≤ 5 ppm
Expiration Date Period 5 Years	-----

Specification: PRD.1.ZQ5.10000038155

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.