

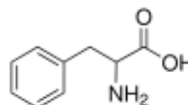
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## Product Specification

Product Name:  
DL-Phenylalanine - 99%, FCC

Product Number: **W372609**  
CAS Number: 150-30-1  
MDL: MFCD00064225  
Formula: C<sub>9</sub>H<sub>11</sub>NO<sub>2</sub>  
Formula Weight: 165.19 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Crystalline Powder
Infrared spectrum	Conforms to Structure
Titration by HClO <sub>4</sub> On Dried	98.5 - 101.5 %
Loss on Drying	≤ 0.2 %
Residue on ignition (Ash)	≤ 0.3 %
Optical Rotation c = 2%; Water	-1.0 - 1.0 deg
Arsenic (As)	≤ 3 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 1 ppm
Lead (Pb)	≤ 5 ppm
Expiration Date Period 5 Years	-----

Specification: PRD.1.ZQ5.10000038646

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.