

Aladdin 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 Aladdin-e.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.

Specification Sheet

Product Name: **L-Alanine**
Specifications & Purity: **99%**
SKU #: **A108263**

Parameter	Limit Values
Lead(Pb)	0-10 (ppm)
Mercury (Hg)	0-1 (ppm)
Cadmium(Cd)	0-1 (ppm)
Purity(NonaqueousTitration)afterdrying	99-101 (%)
Carbon by Elemental Analysis	40-41 (%)
(As)Arsenic	0-3 (ppm)
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in HCl})(\text{after drying})$	13.2-15 (°)
Nitrogen by Elemental Analysis	15.2-16.2 (%)
Appearance (A108263)	white powder and/or chunks
Infrared spectrum	Conforms to Structure
Solubility in H ₂ O	Almost transparency

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