

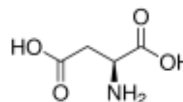
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## Product Specification

Product Name:  
L-Aspartic acid - Vetec<sup>™</sup> reagent grade

**Product Number:** V900407  
**CAS Number:** 56-84-8  
**Formula:** C<sub>4</sub>H<sub>7</sub>NO<sub>4</sub>  
**Formula Weight:** 133.10 g/mol



TEST	Specification
Appearance (Colour)	White to Off-White
Appearance (Form)	Crystalline Powder
Solubility (Colour)	Colorless
Solubility (Turbidity)	Clear
Infrared spectrum	Conforms to Structure
Arsenic (As) < or = 1 ppm	Pass
Iron (Fe) < or = 10 ppm	Pass
Specific Rotation 20 deg C/EP (C = 8 in 6 M HCl)	24.8 - 25.8 deg
pH 0.5% in Water	2.5 - 3.5
Assay Dry Basis	98.5 - 101.0 %

Specification: PRE.0.ZQ5.10000018056

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.