

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **L-Aspartic acid**
Specifications & Purity: **Ultrapure BioReagent, ≥99.5% (T)**
SKU #: **L476204**

Parameter	Limit Values
Specific rotation $[\alpha]_{20/D}$ (c=5% in 5 M HCl)	24-28 (°)
Purity(perchloric acid solution Titration)	99.5-102.5 (%)
Residue on Ignition	0-0.05 (%)
Loss on drying(110°C)	0-0.1 (%)
Chloride (Cl-)	0-0.02 (%)
Sulfate(SO ₄ ²⁻)	0-0.02 (%)
Iron(Fe)	0-0.001 (%)
Ammonia (NH ₄)	0-0.02 (%)
Lead(Pb)	0-10 (ppm)
foreign amino acids	0-0.3 (%)
Infrared spectrum	Conforms to Structure