



Specification

L-Aspartic Acid USP/FCC/AJI97

Catalog Number: AG1006
CAS Number: 56-84-8
Molecular Formula: C₄H₇NO₄
Molecular Weight: 133.10
Storage: 15°C – 30°C
Retest Period: Two years from date of manufacture.

Test	Specification
Appearance	White powder
Assay	98.50% to 101.50%
Identification (IR)	To meet requirements
Specific Rotation	+24.8° to +25.8°C
Transmittance	≥98.0%
pH value	2.5 to 3.5
Moisture (LOD)	≤ 0.20%
Residue on Ignition	≤ 0.10%
Ammonium	≤ 0.02%
Chloride	≤ 0.02%
Sulfate	≤ 0.02%
Residual Solvents	Meets the requirements
Individual Impurities	≤ 0.5%
Total Impurities	≤ 2.0%
Heavy Metals	≤ 10ppm
Arsenic	≤ 1.0ppm
Cadmium	≤ 1.0ppm
Lead	≤ 3.0ppm
Mercury	≤ 0.1ppm
Iron	≤ 10ppm
Total plate count	≤ 1,000cfu/g
Yeast & mold	≤ 100cfu/g
E. Coli	≤ 3MPN/g
Coliforms	≤ 3MPN/g
Salmonella	Negative
Staphylococcus Aureus	Negative
This lot meets requirements for USP38, FCC9, AJI97.	

Approved:

John Grubb, PhD
Gojira Fine Chemicals
Quality Manager

Date: August 30, 2018



Gojira Fine Chemicals, LLC
Quality Products & Services Meeting Customer Needs
5386 Majestic Parkway, Suite 7, Bedford Heights, OH 44146
www.gojirafc.com • sales@gojirafc.com

Tel: 440-252-5397, Fax: 888-211-5523
docsupport@gojirafc.com