

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-09-22 14:15:49  
Date of Next Testing: 2026-09-21 14:15:49  
Product Name: **L-Asparagine**  
CAS Number: 70-47-3  
Specifications & Purity: 98%  
Lot #: I2217228  
SKU #: **A105949**  
**Analysis:** **126121**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.12 %
Purity(HPLC)	98-100 (%)	99.39400 %
Specific Rotation [a] <sub>D</sub> 20 (c=13.2 in 1N HCl)	27-31 (°)	27.15 °
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1 N HCl , Colorless,Clear,100 mg/ml	pass	Pass
Appearance (A105949)	white powder or chunk or solid	white powder or chunk or solid



John Su  
QA & QC Manager