

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-01-22 20:42:07  
Date of Next Testing: 2026-01-21 20:42:07  
Product Name: **L-Asparagine**  
CAS Number: 70-47-3  
Specifications & Purity: 98%  
Lot #: A2219253  
SKU #: **A105949**  
**Analysis:** **052019**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.40%
Purity(HPLC)	98-100 (%)	98.68700%
Specific Rotation [a] <sub>20</sub> /D(c=13.2 in 1N HCl)	27-31 (°)	27.08°
Appearance (A105949)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1 N HCl , Colorless,Clear,100 mg/ml	pass	Pass



John Su  
QA & QC Manager