

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-12 13:11:11  
Date of Next Testing: 2027-07-11 13:11:11  
Product Name: **L-Asparagine**  
CAS Number: 70-47-3  
Specifications & Purity: 98%  
Lot #: G2306247  
SKU #: **A105949**  
**Analysis:** **245551**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.15 %
Purity(HPLC)	98-100 (%)	99.04200 %
Specific Rotation [a] <sub>D</sub> 20/D(c=13.2 in 1N HCl)	27-31 (°)	29.16 °
Appearance (A105949)	white powder or chunk or solid	white powder or chunk or solid
Solubility in 1 N HCl , Colorless,Clear,100 mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager