

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-26 10:48:02

Date of Next Testing: 2027-09-25 10:48:02

Product Name: **L-Asparagine**

CAS Number: 70-47-3

Specifications &amp; Purity: 98%

Lot #: I2321244

SKU #: **A105949****Analysis: 270391**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.36 %
Purity(HPLC)	98-100 (%)	99.64900 %
Specific Rotation [a] <sub>D</sub> 20/D(c=10 in 6N HCl)	33-36.5 (°)	34.92 °
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