

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-20 10:03:33

Date of Next Testing: 2028-01-19 10:03:33

Product Name: **L-Asparagine**

CAS Number: 70-47-3

Specifications & Purity: 98%

Lot #: A2405117

SKU #: **A105949****Analysis:** **299694**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.27 %
Purity(HPLC)	98-100 (%)	99.65700 %
Specific Rotation [a] ₂₀ /D(c=10 in 6N HCl)	33-36.5 (°)	33.10°
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
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager