

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-19 10:44:20
Date of Next Testing: 2028-07-18 10:44:20
Product Name: **L-Asparagine**
CAS Number: 70-47-3
Specifications & Purity: 98%
Lot #: G2411230
SKU #: **A105949**
Version: **2**
Analysis #: **356256**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.24%
Purity(HPLC)	98-100 (%)	99.35400%
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in } 6N \text{ HCl})$	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