

Certificate of Analysis

Date of Testing: 2023-02-28 19:37:45
Date of Next Testing: 2027-02-27 19:37:45
Product Name: **L-Asparagine**
CAS Number: 70-47-3
Specifications & Purity: 98%
Lot #: B2324111
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] ₂₀ /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