

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-24 15:45:19

Date of Next Testing: 2026-11-23 15:45:19

Product Name: **L-Glutamine alpha-amide hydrochloride**

CAS Number: 21752-29-4

Specifications & Purity: 98%

Lot #: K2320280

SKU #: **L355054**

Analysis: **294660**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.29%
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	18-22 (°)	18.48°
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager