

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-26 17:10:36
 Date of Next Testing: 2030-01-25 17:10:36
 Product Name: **L-Glutamine**
 CAS Number: 56-85-9
 Specifications & Purity: Moligand™, ≥99%
 Lot #: A2623370
 SKU #: **G105425**
 Version: **0**
 Analysis #: **637974**
 Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=4 in H ₂ O)	6.3-7.3 (°)	6.51600°
Carbon by Elemental Analysis	40.3-41.9 (%)	41.10900%
Nitrogen by Elemental Analysis	18.8-19.6 (%)	19.07500%
Purity(HPLC)	99-100 (%)	99.74100%
Ammonia (NH ₃)	0-0.2 (%)	0.20000%
Appearance (G105425)	White to Off-White Powder	White to Off-White Powder
Solubility in 1 M HCl , Colorless, Clear to Slightly Hazy, 50 mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager