

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-05 15:52:46

Date of Next Testing: 2029-11-04 15:52:46

Product Name: **L-Glutamine t-butyl ester hydrochloride**

CAS Number: 39741-62-3

Specifications & Purity: $\geq 98\%$

Lot #: B2208448

SKU #: **G116977**

Version **1**

Analysis #: **599023**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	97.5-102.5 (%)	99.60 %
Specific Rotation [α] ₂₅ /D(c=2 in EtOH)	12.3-13.3 (°)	13.28 °
Appearance (G116977)	White powder	White powder
Solubility in H ₂ O , Colorless,Clear,50 mg/ml H ₂ O	pass	Pass
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager