

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-07 09:29:21
 Date of Next Testing: 2027-07-06 09:29:21
 Product Name: **L-Tyrosine methyl ester hydrochloride**
 CAS Number: 3417-91-2
 Specifications & Purity: $\geq 98\%$
 Lot #: J1522062
 SKU #: **T100470**
 Version: **0**
 Analysis #: **248137**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.56000 %
Purity (Argentmetric Titration)	97.5-102.5 (%)	98.10000 %
Nitrogen by Elemental Analysis	5.4-6.5 (%)	6.10000 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in MeOH})$	11-15 (°)	12.50000 °
Carbon by Elemental Analysis	50.2-52.3 (%)	51.33000 %
Appearance (T100470)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Faint Yellow,Clear ,50 mg/ml	pass	Pass



John Su
QA & QC Manager