

Certificate of Analysis

Date of Testing: 2024-06-26 14:21:45

Date of Next Testing: 2028-06-25 14:21:45

Product Name: **L-Tyrosine methyl ester hydrochloride**

CAS Number: 3417-91-2

Specifications & Purity: 98%

Lot #: F2421336

SKU #: **T100470**

Version: **0**

Analysis #: **338551**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity (Argentmetric Titration)	97.5-102.5 (%)	100.25 %
Specific Rotation [α] ₂₀ /D(c=2 in MeOH)	11-15 (°)	12.27°
Purity(HPLC)	98-100 (%)	98.01000 %
Nitrogen by Elemental Analysis	5.4-6.5 (%)	6.10 %
Carbon by Elemental Analysis	50.2-52.3 (%)	51.90 %
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