

Certificate of Analysis

Date of Testing: 2024-09-19 16:33:26

Date of Next Testing: 2026-09-19 16:33:26

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

CAS Number: 7524-52-9

Specifications & Purity: $\geq 98\%$

Lot #: K2421097

SKU #: **T109009**

Version: **0**

Analysis #: **412877**

Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=5 in MeOH)	17-19 (°)	18.99°
Purity(HPLC)	98-100 (%)	98.52300 %
Purity(Titration by AgNO ₃)	98-100 (%)	98.83 %
Melting point	218-220 (°C)	219.97800 °C
Appearance (T109009)	White to Off-White to Light yellow to Light orange to Light purple Powder to purple Powder	White to Off-White to Light yellow to Light orange to Light purple Powder to purple Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager