

Certificate of Analysis

Date of Testing: 2023-09-01 16:41:52

Date of Next Testing: 2025-08-31 16:41:52

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

CAS Number: 7524-52-9

Specifications & Purity: 98%

Lot #: K2104553

SKU #: **T109009**

Analysis: **260165**

Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.97800 %
Purity(Titration by AgNO3)	98-100 (%)	99.20 %
Melting point	218-220 (°C)	218.27000 °C
Specific Rotation [α] ₂₀ /D(c=5 in MeOH)	17-19 (°)	18.95 °
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