

Certificate of Analysis

Date of Testing: 2025-02-14 09:19:27
 Date of Next Testing: 2027-02-14 09:19:27
 Product Name: **L-Tryptophan methyl ester hydrochloride**
 CAS Number: 7524-52-9
 Specifications & Purity: $\geq 98\%$
 Lot #: E2305828
 SKU #: **T109009**
 Version: **0**
 Analysis #: **471778**
 Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Specific Rotation	17-19 (°)	18.90°
[a] ₂₀ /D(c=5 in MeOH)		
Purity(HPLC)	98-100 (%)	98.50000 %
Purity(Titration by AgNO ₃)	98-100 (%)	98.80 %
Melting point	218-220 (°C)	219.90000 °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