

Certificate of Analysis

Date of Testing: 2022-11-22 09:33:07

Date of Next Testing: 2024-11-21 09:33:07

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

CAS Number: 7524-52-9

Specifications & Purity: 98%

Lot #: K2217803

SKU #: **T109009**

Analysis: **080370**

Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Specific Rotation	17-19 (°)	18.99°
[a] ₂₀ /D(c=5 in MeOH)		
Purity(HPLC)	98-100 (%)	98.52500 %
Purity(Titration by AgNO ₃)	98-100 (%)	98.83 %
Melting point	218-220 (°C)	219.98000 °C
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
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



John Su
QA & QC Manager