

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-03-09 13:59:56
 Date of Next Testing: 2026-03-08 13:59:56
 Product Name: **D-Tryptophan methyl ester hydrochloride**
 CAS Number: 14907-27-8
 Specifications & Purity: $\geq 98\%$
 Lot #: C2202315
 SKU #: **T100464**
 Version: **0**
 Analysis #: **068687**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	98-102 (%)	101.70000 %
Specific Rotation [α] ₂₀ /D(c=5 in MeOH)	-22--17 (°)	-19.06800 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (T100464)	White to off-white solid	White to off-white solid



John Su
QA & QC Manager