

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-23 13:29:05
 Date of Next Testing: 2029-10-22 13:29:05
 Product Name: **D-Tryptophan**
 CAS Number: 153-94-6
 Specifications & Purity: Moligand™, ≥98%
 Lot #: J2521269
 SKU #: **T105704**
 Version: **3**
 Analysis #: **513619**
 Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.84900%
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	29-33 (°)	31.81100°
Nitrogen by Elemental Analysis	13.4-14.1 (%)	13.67300%
Carbon by Elemental Analysis	63-67 (%)	64.58600%
Appearance (T105704)	White to Off-White Powder	White to Off-White Powder
Solubility in 0.5 M HCl , Colorless to Dark Yellow Clear to Hazy, 50mg/ml	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager