

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-24 16:14:16

Date of Next Testing: 2030-01-23 16:14:16

Product Name: **D-Tryptophan**

CAS Number: 153-94-6

Specifications & Purity: Moligand™, ≥98%

Lot #: A2623109

SKU #: **T105704**

Version: **3**

Analysis #: **266139**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.79200 %
L-isomer	0-1 (%)	0.36 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	29-33 (°)	31.17 °
Nitrogen by Elemental Analysis	13.4-14.1 (%)	13.81 %
Carbon by Elemental Analysis	63-67 (%)	64.52 %
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