

Certificate of Analysis

Date of Testing: 2023-02-25 10:26:14

Date of Next Testing: 2027-02-24 10:26:14

Product Name: **N-Acetyl-DL-tryptophan**

CAS Number: 87-32-1

Specifications & Purity: 98%

Lot #: B2321236

SKU #: **A100466**

Analysis: **191543**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.46490 %
Tryptophan	0-0.1 (%)	0.06 %
Specific Rotation [α] ₂₀ /D(c=2.5 in MeOH)	-1-1 (°)	1.00 °
Appearance (A100466)	White to white with yellow cast powder	White to white with yellow cast powder
Solubility in 1N NaOH , Clear Colorless to Light Yellow, 25mg/ml	pass	Pass
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager