

Certificate of Analysis

Date of Testing: 2023-03-10 00:51:19

Date of Next Testing: 2027-03-09 00:51:19

Product Name: **L-Tryptophan**

CAS Number: 73-22-3

Specifications & Purity: 99%

Lot #: C23071117

SKU #: **T103480**

Analysis: 197387

Parameter	Limit Values	Result
Purity(as dry basis)	98.5-101.5 (%)	99.30%
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-36--29 (°)	-32.50°
Loss on drying(105°C)	0-0.5 (%)	0.03%
Appearance (T103480)	white to light yellow or beige powder	white to light yellow or beige powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager