

## Certificate of Analysis

Date of Testing: 2022-05-25 19:51:36  
Date of Next Testing: 2026-05-24 19:51:36  
Product Name: **L-Tryptophan**  
CAS Number: 73-22-3  
Specifications & Purity: 99%  
Lot #: E2224093  
SKU #: **T103480**  
Version: **0**  
Analysis #: **091892**

Parameter	Limit Values	Result
Purity(as dry basis)	98.5-101.5 (%)	100.49 %
Specific Rotation [a] <sub>20</sub> /D(c=1 in H <sub>2</sub> O)	-36--29 (°)	-29.75 °
Loss on drying(105°C)	0-0.5 (%)	0.10 %
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