



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

www.srlchem.com

Certificate of Analysis

Product **48288 - L-Tryptophan ExiPlus, Multi-Compendial, 99% - [73-22-3]**
Batch No **1117495**
Analysis Date 07-Feb-2024
Date of Manufacture February 2024
Expiry Date/Re-Test Date February 2029
Molecular Formula C₁₁H₁₂N₂O₂
Molecular Weight 204.23

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of BP, Ph.Eur	Passes
Appearance (Colour)	White to off-white	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% solution in 1M HCl	Clear	Clear
Assay (NT)	min. 99%	99.3%
Specific rotation [α] @25°C	-33 to -30° (C=1, H ₂ O)	- 30.977°
Loss on drying	max. 0.5%	0.1%
Sulphated Ash	max. 0.1%	0.02%
Chloride (Cl)	max. 0.01%	Passes
Sulphate (SO ₄)	max. 0.01%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Ammonium (NH ₄)	max. 0.01%	Passes
Homogeneity by TLC	Passes test	Passes

FRM/82/11/4/48288 Rev No. 2 Date 17/12/2022

Prepared by **Dhanashree**

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

1/1

[an ISO 9001-2015, 17025:2017, CE, GMP Certified Company](#)

This COA has been generated electronically and it is valid without signature.