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Certificate of Analysis

Product **91772 - L-Tyrosine ExiPlus, Multi-Compendial, 99% - [60-18-4]**
Batch No **4449372**
Analysis Date 16-Nov-2023
Date of Manufacture November 2023
Expiry Date/Re-Test Date November 2028
Molecular Formula C₉H₁₁NO₃
Molecular Weight 181.19

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of BP, Ph.Eur	Passes
Appearance (Colour)	White to off white	Off white
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 5% solution in 2N HCl	Clear	Clear
Assay (NT)	min. 99%	99.1%
Specific rotation [α]	-12° to -10° (C=4, N HCl)	-10°
Loss on drying	max. 0.5%	0.2%
Sulphated Ash	max. 0.1%	0.06%
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/82/11/4/91772 Rev No. 3 Date 27/08/2022

Prepared by Priti

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

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