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PVT. LTD.**

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Certificate of Analysis

Product

**77872 - L-Lysine Monohydrochloride ExiPlus,
Multi-Compendial, 99% - [657-27-2]**

Batch No

7916892

Analysis Date

06-Jan-2024

Date of Manufacture

January 2024

Expiry Date/Re-Test Date

January 2029

Molecular Formula

C6H14N2O2.HCl

Molecular Weight

182.65

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, BP, Ph.Eur	Passes
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (ex Cl)	min. 99%	99.1%
Specific rotation $[\alpha]$	+19° to +21° (C= 2, 5N HCl)	+20.962°
Loss on drying	max. 0.5%	0.2%
Sulphated Ash	max. 0.1%	0.03%
Sulphate (SO ₄)	max. 0.01%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Homogeneity by TLC	Passes test	Passes

FRM/82/11/4/77872 Rev No. 2 Date 22/06/2022

Prepared by Amruta

In compliance with the standard specifications of SRL

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

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