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Certificate of Analysis

Product

**76199 - L-Lysine Monohydrate (Base) ExiPlus,
Multi-Compendial, 99% - [39665-12-8]**

Batch No

5855480

Analysis Date

30-Aug-2021

Date of Manufacture

August 2021

Expiry Date/Re-Test Date

August 2026

Molecular Formula

C6H14N2O2.H2O

Molecular Weight

164.21

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP	Passes
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% solution in 2N HCl	Clear	Clear
Solubility (Colour) 10% solution in 2N HCl	colourless to pale yellow	colourless
Assay	min. 99%	99.4%
Melting Point	213 - 214°C	214°C
Specific rotation $[\alpha]$	+25° to +26° [C=5, 5N HCl]	+26°
Ammonium (NH ₄)	max. 0.01%	Passes
Water (KF)	10 - 12%	12%

FRM/82/11/4/76199 Rev No. 1 Date 04/11/2020

Prepared by **Sonali**

In compliance with the standard specifications of SRL

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

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