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Certificate of Analysis

Product

**72349 - D-Lysine Hydrochloride extrapure, 99% -
[7274-88-6]**

Batch No

2450152

Analysis Date

26-Mar-2024

Date of Manufacture

March 2024

Expiry Date/Re-Test Date

March 2029

Molecular Formula

C6H14N2O2.HCl

Molecular Weight

182.65

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to off white	Off white
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless to pale yellow	Pale yellow
Assay (AT)	min. 99%	99.5%
Specific rotation $[\alpha]$	- 20 to - 21° [C = 5 , 5N HCl]	-20.514°
Loss on drying	max. 0.3%	0.06%
Sulphated Ash	max. 0.1%	0.05%
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Homogeneity by TLC	Passes test	Passes

FRM/82/11/4/72349 Rev No. 2 Date 26/03/2024

Prepared by Jayesh

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

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