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Certificate of Analysis

Product	94495 - L-Histidine (base) extrapure CHR, 99% - [71-00-1]
Batch No	2551775
Analysis Date	07-Feb-2024
Date of Manufacture	February 2024
Expiry Date/Re-Test Date	February 2029
Molecular Formula	C6H9N3O2
Molecular Weight	155.16

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% solution 2N HCl	Clear	Clear
Solubility (Colour) 10% solution 2N HCl	Colourless	Colourless
Assay (NT)	min. 99.0%	99.3%
Loss on drying	max. 0.5 %	0.2%
Specific rotation $[\alpha]$	+12.6 to +14.0 ° (C=11, 6N HCl) @25°C	+13.256°
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/82/11/4/94495 Rev No. 2 Date 31/01/2022

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

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