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Certificate of Analysis

Product	38885 - D-Histidine extrapure, 99% - [351-50-8]
Batch No	9264840
Analysis Date	26-Aug-2023
Date of Manufacture	August 2023
Expiry Date/Re-Test Date	August 2028
Molecular Formula	C6H9N3O2
Molecular Weight	155.2

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 %	99.2%
Specific rotation $[\alpha]$	-14° to -12°(C=1 , 5N HCl)	-12.251°
Loss on drying	max. 0.3 %	0.02%
Sulphated Ash	max. 0.1 %	0.06%
Iron (Fe)	max. 0.001 %	Passes
Heavy Metals (Pb)	max. 0.001 %	Passes
Homogeneity by TLC	Passes test	Passes

FRM/82/11/4/38885 Rev No. 1 Date 03/14/2018

Prepared by Komal

In compliance with the standard specifications of SRL

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

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