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Certificate of Analysis

Product **42437 - L-Histidine ExiPlus, Multi-Compendial, 99% - [71-00-1]**
Batch No **7994074**
Analysis Date 11-Nov-2023
Date of Manufacture November 2023
Expiry Date/Re-Test Date November 2028
Molecular Formula C6H9N3O2
Molecular Weight 155.16

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% 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 %	0.1%
Sulphated Ash	max. 0.1 %	0.04%
Specific rotation $[\alpha]$	+12.6 to +14.0 ° (C=11, 6N HCl) @25°C	+13.921°
Chloride (Cl)	max. 0.01 %	Passes
Sulphate (SO4)	max. 0.01 %	Passes
Iron (Fe)	max. 0.001 %	Passes
Heavy Metals (Pb)	max. 0.001 %	Passes
Ammonium (NH4)	max. 0.01 %	Passes
Homogeneity by TLC	Passes test	Passes

FRM/82/11/4/42437 Rev No. 2 Date 31/01/2022

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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