



**SISCO  
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PVT. LTD.**

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## Certificate of Analysis

**Product**

**28061 - L-Histidine Hydrochloride Monohydrate  
extrapure CHR, 99% - [5934-29-2]**

**Batch No**

**1120654**

**Analysis Date**

22-Oct-2022

**Date of Manufacture**

October 2022

**Expiry Date/Re-Test Date**

October 2027

**Molecular Formula**

C<sub>6</sub>H<sub>10</sub>N<sub>3</sub>O<sub>2</sub>Cl.H<sub>2</sub>O

**Molecular Weight**

209.63

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay	min. 99 %	99.3%
Specific rotation [α]	+8.5 to +9.5° (C=2, 5N HCl)	+8.570°
Loss on drying	max. 0.5 %	0.1%
Sulphated Ash	max. 0.1 %	0.08%
Sulphate (SO <sub>4</sub> )	max. 0.01 %	Passes
Iron (Fe)	max. 0.001 %	Passes
Heavy Metals (Pb)	max. 0.001 %	Passes
Ammonium (NH <sub>4</sub> )	max. 0.01 %	Passes
Homogeneity by TLC	Passes test	Passes

FRM/82/11/4/28061 Rev No. 1 Date 01/11/2015

Prepared by **Prajakta**

In compliance with the standard specifications of SRL

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

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