

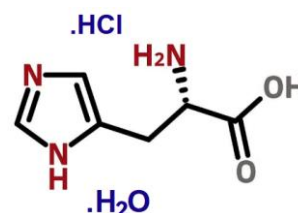


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## Product Specification

# L-HISTIDINE MONOHYDROCHLORIDE MONOHYDRATE 99% FOR BIOCHEMISTRY

CAT. NO. : 034531  
GRADE : LR  
CAS NO. : 5934-29-2  
FORMULA : C<sub>6</sub>H<sub>9</sub>N<sub>3</sub>O<sub>2</sub>·HCl·H<sub>2</sub>O  
M.W. : 209.63



Minimum assay (ex Cl, argentometric) 99.0%  
Melting point ~ 255°C  
(On dried basis,  
with decomposition)  
Specific rotation  $\alpha^{20}_D$  +8.5° to + 9.5°  
(C=1 in 5N hydrochloric acid)

### Maximum limits of impurities:

Loss on drying at 110° C	0.5%
Sulphated ash	0.1%
Heavy metals (Pb)	0.001%
Ammonium (NH <sub>4</sub> )	0.01%
Iron (Fe)	0.001%
Histamine	0.0005%

DATE: 01.07.2025

**Remarks:** The above-mentioned batch material is compliance with the standard specifications of High Purity Laboratory Chemicals Pvt. Ltd.



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