

Manufacturers of Laboratory Fine Chemicals

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## **CERTIFICATE OF ANALYSIS**

| <b>Product Name</b> | : | L-HISTIDINE HYDROCHLORIDE MONOHYDRATE 99%<br>FOR BIOCHEMISTRY |
|---------------------|---|---|
| Code No.            | : | 01361   |
| Batch No.           | : | PC10221660  |
| Mfg. Date           | : | OCT-2022  |
| Date Of Analysis    | : | 29/10/2022  |
| Retest Date         | : | SEP-2027  |

| TEST   | SPECIFICATION            | RESULT                   |
|--|--------------------------|--------------------------|
| Appearance                                       | White crystalline powder | White crystalline powder |
| Assay (argentometric; on anhydrous basis)        | Min 99.0%                | 99.60%                   |
| Specific optical rotation ([?]20/D)              | +8.5 to +9.5°            | +9.40                    |
| Heavy metal (as Pb)                              | Max 0.001%               | Less than 0.001%         |
| Ammonium (NH <sub>4</sub> )                      | Max 0.01%                | Less than 0.01%          |
| Foreign amino acids                              | Max 0.3%                 | 0.11%                    |
| Other ninhydrin positive substances (as glycine) | Max 0.1%                 | Less than 0.1%           |

REMARK: This product complies as per the specifications of Pallav Chemicals & Solvents Pvt. Ltd. Manufacturers

This is an electronically generated Certificate and is valid without a signature.

For Issues relating to Quality you may send us a mail on sales@pallavchemicals.com or call on 022 4928 4000

Website: www.pallavchemicals.com