# Qualikems Lifesciences Pvt. Ltd.

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## CERTIFICATE OF ANALYSIS

| | | | | | |
|---|---|---|---|---|---|
| **Name of Product** | : | L-Histidine Monohydrochloride | **CAS No.** | : | 5934-29-2 |
| **Molecular Formula** | : | $C_6H_{10}ClN_3O_2.H_2O$ | **Molecular Weight** | : | 209.63 g/mole |
| **Batch No.** | : | QF2611139 | **Grade** | : | LR |
| **Mfg. Date** | : | November-2026 | **Retest. Date** | : | October -2031 |

| Sr. No. | Tests | Specification | Observation |
|---|---|---|---|
| 1 | Appearance | White Crystalline Powder | Complies |
| 2 | Minimum assay (argentometric, on Dried Basis) | 99 % | 99.51 % |
| 3 | Specific Optical Rotation | + 8.5 to +9.5 deg | +8.9 deg |
| | **Maximum limits of impurities:#** | | |
| 4 | Heavy metals (as Pb) | 0.001 % | 0.0004 % |
| 5 | Ammonium ($NH_4$) | 0.01 % | < 0.01 % |
| 6 | Other ninhydrin-positive Substances (as glycine) | 0.1 % | 0.05 % |
| 7 | Foreign amino acids | 0.3 % | 0.1 % |

**Conclusion:** Product complies as per above specification.

**Note:** This document has been produced electronically and it is valid without signature.

Quality of our product tested and reported in the COA are as per the specification and without any prejudice/liability what so ever the end product performance.


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