

## Certificate of Analysis

Date of Testing: 2025-01-16 13:17:19

Date of Next Testing: 2029-01-15 13:17:19

Product Name: **Histamine dihydrochloride**

CAS Number: 56-92-8

Specifications & Purity:  $\geq 98\%$

Lot #: C2131268

SKU #: **H110868**

Version: **1**

Analysis #: **463837**

Storage Temperature: Store at 2-8°C

| Parameter                               | Limit Values                          | Result                                |
|-----------------------------------------|---------------------------------------|---------------------------------------|
| Heavy metal (as Pb)                     | 0-10 (ppm)                            | 0.50 ppm                              |
| Purity(Titration by AgNO <sub>3</sub> ) | 97.5-100 (%)                          | 97.60 %                               |
| Melting point                           | 244-250 (°C)                          | 249.70000 °C                          |
| Purity(HPLC)                            | 98-100 (%)                            | 99.60000 %                            |
| Loss on drying                          | 0-0.05 (%)                            | 0.05 %                                |
| Sulfate(SO <sub>4</sub> <sup>2-</sup> ) | 0-0.005 (%)                           | 0.00 %                                |
| Appearance (H110868)                    | White to Off-White Powder or crystals | White to Off-White Powder or Crystals |
| Infrared spectrum                       | Conforms to Structure                 | Conforms to Structure                 |
| Proton NMR spectrum                     | Conforms to structure                 | Conforms to Structure                 |



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