

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-03 13:18:40  
 Date of Next Testing: 2028-09-02 13:18:40  
 Product Name: **Histamine dihydrochloride**  
 CAS Number: 56-92-8  
 Specifications & Purity: Moligand™, ≥98%  
 Lot #: I2402429  
 SKU #: **H110868**  
 Version: **1**  
 Analysis #: **208560**  
 Storage Temperature: Store at 2-8°C

| Parameter                  | Limit Values                          | Result                                |
|----------------------------|---------------------------------------|---------------------------------------|
| Heavy metal (as Pb)        | 0-10 (ppm)                            | 3.10000 ppm                           |
| Purity(Titration by AgNO3) | 97.5-100 (%)                          | 98.60000 %                            |
| Melting point              | 244-250 (°C)                          | 247.20000 °C                          |
| Purity(HPLC)               | 98-100 (%)                            | 99.01300 %                            |
| Loss on drying             | 0-0.05 (%)                            | 0.02000 %                             |
| Sulfate(SO42-)             | 0-0.005 (%)                           | 0.00100 %                             |
| Infrared spectrum          | Conforms to Structure                 | Conforms to Structure                 |
| Proton NMR spectrum        | Conforms to structure                 | Conforms to Structure                 |
| Appearance (H110868)       | White to Off-White Powder or crystals | White to Off-White Powder or Crystals |



John Su  
QA & QC Manager