

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-25 16:29:48  
Date of Next Testing: 2027-04-24 16:29:48  
Product Name: **Histamine dihydrochloride**  
CAS Number: 56-92-8  
Specifications & Purity: 98%  
Lot #: D2323143  
SKU #: **H110868**  
Version: **1**  
Analysis #: **208560**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-10 (ppm)	3.10 ppm
Purity(Titration by AgNO <sub>3</sub> )	97.5-100 (%)	98.60 %
Melting point	244-250 (°C)	247.20000 °C
Purity(HPLC)	98-100 (%)	99.01300 %
Loss on drying	0-0.05 (%)	0.02 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.005 (%)	0.00 %
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