

## Certificate of Analysis

Date of Testing: 2024-08-07 16:21:19  
Date of Next Testing: 2028-08-06 16:21:19  
Product Name: **Histamine, Free Base**  
CAS Number: 51-45-6  
Specifications & Purity: 96%  
Lot #: G2431210  
SKU #: **H111796**  
Version: **0**  
Analysis #: **365549**  
Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-4 (%)	3.63 %
Purity(Titration by HClO <sub>4</sub> )(anhydrous basis)	95.5-104.5 (%)	100.10 %
Purity(HPLC)	96-100 (%)	96.01000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , clear colorless to dark yellow solution, 100mg/ml	pass	Pass
Appearance (H111796)	White or light yellow powder or solid or crystal	White or light yellow powder or solid or crystal



John Su  
QA & QC Manager