

Certificate of Analysis

Date of Testing: 2024-12-19 13:45:50

Date of Next Testing: 2026-12-19 13:45:50

Product Name: **L-Histidinol dihydrochloride**

CAS Number: 1596-64-1

Specifications & Purity: $\geq 98\%$

Lot #: H1514084

SKU #: **S132263**

Version: **0**

Analysis #: **452098**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	32.5-34.1 (%)	33.20 %
Purity(HPLC)	98-100 (%)	98.10000 %
Nitrogen by Elemental Analysis	18.7-20.1 (%)	19.10 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in H}_2\text{O})$	-3--2.2 (°)	-2.30 °
Appearance (S132263)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless to faint yellow, clear (50 mg/mL, H ₂ O)	pass	Pass



John Su
QA & QC Manager