

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-28 13:11:08
 Date of Next Testing: 2026-10-28 13:11:08
 Product Name: **D-Mannosamine hydrochloride**
 CAS Number: 5505-63-5
 Specifications & Purity: $\geq 98\%$
 Lot #: J2424566
 SKU #: **D130872**
 Version: **0**
 Analysis #: **416764**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	32.7-34.1 (%)	33.29200 %
Purity(HPLC)(mixture to Anomers)	98-100 (%)	99.33900 %
Nitrogen by Elemental Analysis	6.2-6.8 (%)	6.44100 %
Appearance (D130872)	White to Off-White Powder	White to Off-White Powder
Solubility in H ₂ O , Colorless to Faint Yellow Clear ,50 mg/mL, H ₂ O	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager