

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-19 14:56:55
 Date of Next Testing: 2027-12-18 14:56:55
 Product Name: **D-(+)-Galactosamine hydrochloride**
 CAS Number: 1772-03-8
 Specifications & Purity: $\geq 99\%$
 Lot #: L2312039
 SKU #: **G115553**
 Version: **0**
 Analysis #: **307021**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.19500 %
Purity (Argentmetric Titration)	98.5-101.5 (%)	101.10000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O in 24hrs})$	94-98 (°)	97.86200 °
Appearance (G115553)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility,Clear to Very Slightly Hazy(50 mg/ml of H ₂ O)	pass	Pass



John Su
QA & QC Manager