

Certificate of Analysis

Date of Testing: 2024-12-24 18:34:51

Date of Next Testing: 2028-12-23 18:34:51

Product Name: **D-(+)-Galactosamine hydrochloride**

CAS Number: 1772-03-8

Specifications & Purity: $\geq 99\%$

Lot #: L2417765

SKU #: **G115553**

Version: **0**

Analysis #: **386885**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.49000 %
Purity (Argentmetric Titration)	98.5-101.5 (%)	101.04 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O in 24hrs})$	94-98 (°)	95.58 °
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