

Certificate of Analysis

Date of Testing: 2025-01-21 14:05:19
Date of Next Testing: 2029-01-20 14:05:19
Product Name: **D-(+)-Galactosamine hydrochloride**
CAS Number: 1772-03-8
Specifications & Purity: $\geq 99\%$
Lot #: A2514264
SKU #: **G115553**
Version: **0**
Analysis #: **453108**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.87100 %
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in H}_2\text{O in 24hrs)}$	94-98 (°)	94.52 °
Purity (Argentmetric Titration)	98.5-101.5 (%)	101.25 %
Appearance (G115553)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Solubility,Clear to Very Slightly Hazy(50 mg/ml of H ₂ O)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager