

Certificate of Analysis

Date of Testing: 2024-03-14 11:39:12
Date of Next Testing: 2028-03-13 11:39:12
Product Name: **D-(+)-Galactose**
CAS Number: 59-23-4
Specifications & Purity: 99%
Lot #: C2412250
SKU #: **G100367**
Analysis: **331277**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$	79-81 (°)	80.83°
Purity(HPLC)	99-100 (%)	99.88300 %
Appearance (G100367)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , clear colorless , 100mg/ml in water	pass	Pass



John Su
QA & QC Manager