

## Certificate of Analysis

Date of Testing: 2022-11-26 10:59:04  
Date of Next Testing: 2026-11-25 10:59:04  
Product Name: **D-(+)-Galactose**  
CAS Number: 59-23-4  
Specifications & Purity: 99%  
Lot #: K2224112  
SKU #: **G100367**  
**Analysis:** **160112**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$	79-81 (°)	79.00°
Purity(HPLC)	99-100 (%)	99.44800 %
Appearance (G100367)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , clear colorless , 100mg/ml in water	pass	Pass



John Su  
QA & QC Manager