

## Certificate of Analysis

Date of Testing: 2024-11-01 11:55:30  
Date of Next Testing: 2028-10-31 11:55:30  
Product Name: **D-(+)-Galactose**  
CAS Number: 59-23-4  
Specifications & Purity:  $\geq 98\%$   
Lot #: J2430346  
SKU #: **G100366**  
Version: **0**  
Analysis #: **429010**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.88800%
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$	79-81 ( $^{\circ}$ )	80.95 $^{\circ}$
Appearance (G100366)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility,Clear , Colorless , c = 100 mg/ml; H <sub>2</sub> O	pass	Pass



John Su  
QA & QC Manager