

## Certificate of Analysis

Date of Testing: 2024-08-13 14:13:07  
Date of Next Testing: 2028-08-12 14:13:07  
Product Name: **D-(+)-Galactose**  
CAS Number: 59-23-4  
Specifications & Purity: For cell and insect cell culture, ≥99.0%  
Lot #: H2408548  
SKU #: **G100369**  
Version: **0**  
Analysis #: **381702**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.70000 %
Specific Rotation [α] <sub>20</sub> /D(c=10 in H <sub>2</sub> O)	79-81 (°)	79.01°
Appearance (G100369)	white powder	White powder
Solubility in H <sub>2</sub> O , clear colorless , 100mg/ml in water	pass	Pass
Cell Culture Test	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Insect cell culture test	pass	Pass



John Su  
QA & QC Manager