

Certificate of Analysis

Date of Testing: 2023-02-12 10:14:42
Date of Next Testing: 2027-02-11 10:14:42
Product Name: **D-(+)-Galactose**
CAS Number: 59-23-4
Specifications & Purity: For cell and insect cell culture, $\geq 99.0\%$
Lot #: B2307208
SKU #: **G100369**
Analysis: **114537**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.82900 %
Specific Rotation $[\alpha]_{20/D(c=10 \text{ in H}_2\text{O})}$	79-81 ($^{\circ}$)	79.81 $^{\circ}$
Appearance (G100369)	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
Cell Culture Test	pass	Pass
Insect cell culture test	pass	Pass



John Su
QA & QC Manager