

Certificate of Analysis

Date of Testing: 2024-08-13 14:01:55
Date of Next Testing: 2028-08-12 14:01:55
Product Name: **D-(+)-Galactose**
CAS Number: 59-23-4
Specifications & Purity: For cell and insect cell culture, $\geq 99.0\%$
Lot #: H2408547
SKU #: **G100369**
Version: **0**
Analysis #: **381702**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.70000 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$	79-81 ($^{\circ}$)	79.01 $^{\circ}$
Appearance (G100369)	white powder	White powder
Solubility in H ₂ 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