

Certificate of Analysis

Date of Testing: 2024-10-31 17:22:51
Date of Next Testing: 2028-10-30 17:22:51
Product Name: **D-(+)-Galactose**
CAS Number: 59-23-4
Specifications & Purity: $\geq 99\%$
Lot #: J2430357
SKU #: **G100367**
Version: **0**
Analysis #: **421844**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.88800 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$	79-81 ($^{\circ}$)	80.95 $^{\circ}$
Appearance (G100367)	white powder	White powder
Solubility in H ₂ O , clear colorless , 100mg/ml in water	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager