

Certificate of Analysis

Date of Testing: 2024-11-25 18:34:15
Date of Next Testing: 2028-11-24 18:34:15
Product Name: **D-(+)-Galactose**
CAS Number: 59-23-4
Specifications & Purity: $\geq 98\%$
Lot #: K2419378
SKU #: **G100366**
Version: **0**
Analysis #: **376598**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.67600%
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$	79-81 ($^{\circ}$)	79.11 $^{\circ}$
Appearance (G100366)	white powder	White powder
Solubility,Clear , Colorless , c = 100 mg/ml; H ₂ O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager