

Certificate of Analysis

Date of Testing: 2025-07-29 13:54:03

Date of Next Testing: 2029-07-28 13:54:03

Product Name: **D-(+)-Galactose**

CAS Number: 59-23-4

Specifications & Purity: $\geq 99\%$

Lot #: G2524448

SKU #: **G100367**

Version: **0**

Analysis #: **536057**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.26200 %
Specific Rotation $[\alpha]_{20/D(c=10 \text{ in H}_2\text{O})}$	79-81 (°)	79.49°
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