

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-01 11:53:38  
Date of Next Testing: 2028-10-31 11:53:38  
Product Name: **D-(+)-Galactose**  
CAS Number: 59-23-4  
Specifications & Purity:  $\geq 99\%$   
Lot #: J2430354  
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 <sub>2</sub> O , clear colorless , 100mg/ml in water	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager