

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-01 17:22:37  
Date of Next Testing: 2028-06-30 17:22:37  
Product Name: **D-(+)-Galactose**  
CAS Number: 59-23-4  
Specifications & Purity: 99%  
Lot #: F2424238  
SKU #: **G100367**  
Version: **0**  
Analysis #: **365514**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] <sub>20</sub> /D(c=10 in H <sub>2</sub> O)	79-81 (°)	80.25°
Purity(HPLC)	99-100 (%)	99.54700 %
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