

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-11-29 14:01:39  
Date of Next Testing: 2027-11-28 14:01:39  
Product Name: **D-(+)-Galactose**  
CAS Number: 59-23-4  
Specifications & Purity: For cell and insect cell culture, ≥99.0%  
Lot #: K2327043  
SKU #: **G100369**  
**Analysis:** **114537**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.82900 %
Specific Rotation [α] <sub>20</sub> /D(c=10 in H <sub>2</sub> O)	79-81 (°)	79.81°
Appearance (G100369)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , clear colorless , 100mg/ml in water	pass	Pass
Cell Culture Test	pass	Pass
Insect cell culture test	pass	Pass



John Su  
QA & QC Manager