

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

### Certificate of Analysis

Date of Testing: 2025-02-10 18:37:49  
Date of Next Testing: 2029-02-09 18:37:49  
Product Name: **D-(+)-Galactose**  
CAS Number: 59-23-4  
Specifications & Purity:  $\geq 99\%$   
Lot #: B2506783  
SKU #: **G100367**  
Version: **0**  
Analysis #: **465168**  
Storage Temperature: Room temperature, Argon charged, Cool

| Parameter  | Limit Values          | Result                |
|--|-----------------------|-----------------------|
| Specific Rotation [a] <sub>D</sub> 20/D(c=10 in H <sub>2</sub> O)    | 79-81 (°)             | 80.79700°             |
| Purity(HPLC)   | 99-100 (%)            | 99.60500%             |
| 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