

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## Certificate of Analysis

Date of Testing: 2025-02-10 10:16:01  
Date of Next Testing: 2029-02-09 10:16:01  
Product Name: **D-(+)-Galactose**  
CAS Number: 59-23-4  
Specifications & Purity:  $\geq 98\%$   
Lot #: B2506762  
SKU #: **G100366**  
Version: **0**  
Analysis #: **471163**  
Storage Temperature: Argon charged

| Parameter                                                        | Limit Values          | Result                |
|------------------------------------------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                                                     | 98-100 (%)            | 99.60500%             |
| Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$ | 79-81 ( $^{\circ}$ )  | 80.79700 $^{\circ}$   |
| Appearance (G100366)                                             | white powder          | White powder          |
| Infrared spectrum                                                | Conforms to Structure | Conforms to Structure |
| Solubility,Clear , Colorless , c = 100 mg/ml; H <sub>2</sub> O   | pass                  | Pass                  |



John Su  
QA & QC Manager