

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

## Certificate of Analysis

Date of Testing: 2024-01-19 10:11:20  
Date of Next Testing: 2028-01-18 10:11:20  
Product Name: **D-(+)-Galactose**  
CAS Number: 59-23-4  
Specifications & Purity: 98%  
Lot #: A2416048  
SKU #: **G100366**  
**Analysis:** **316116**  
Storage Temperature: Argon charged

| Parameter                                                        | Limit Values          | Result                |
|------------------------------------------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                                                     | 98-100 (%)            | 99.55700 %            |
| Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$ | 79-81 (°)             | 80.97000 °            |
| 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