

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-05-28 17:59:47

Date of Next Testing: 2030-05-27 17:59:47

Product Name: **D-(+)-Galactose**

CAS Number: 59-23-4

Specifications & Purity:  $\geq 99\%$

Lot #: E2627243

SKU #: **G100367**

Version: **0**

Analysis #: **664155**

Storage Temperature: Room temperature, Argon charged, Cool

| Parameter                                                            | Limit Values          | Result                |
|----------------------------------------------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                                                         | 99-100 (%)            | 99.87400 %            |
| Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$     | 79-81 (°)             | 80.95000 °            |
| 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