

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-07 16:05:01
Date of Next Testing: 2028-12-06 16:05:01
Product Name: **D-(+)-Galactose**
CAS Number: 59-23-4
Specifications & Purity: $\geq 99\%$
Lot #: L2405616
SKU #: **G100367**
Version: **0**
Analysis #: **440145**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|--|-----------------------|-----------------------|
| Specific Rotation $[\alpha]_{20/D(c=10 \text{ in H}_2\text{O})}$ | 79-81 ($^{\circ}$) | 79.37 $^{\circ}$ |
| Purity(HPLC) | 99-100 (%) | 99.81300 % |
| Appearance (G100367) | white powder | White powder |
| Solubility in H ₂ O , clear colorless , 100mg/ml in water | pass | Pass |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager