

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-07 15:56:28
Date of Next Testing: 2028-12-06 15:56:28
Product Name: **D-(+)-Galactose**
CAS Number: 59-23-4
Specifications & Purity: $\geq 98\%$
Lot #: L2405363
SKU #: **G100366**
Version: **0**
Analysis #: **445240**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.81300%
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$	79-81 ($^{\circ}$)	79.37 $^{\circ}$
Appearance (G100366)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility,Clear , Colorless , c = 100 mg/ml; H ₂ O	pass	Pass



John Su
QA & QC Manager