

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-07 15:54:46
Date of Next Testing: 2028-12-06 15:54:46
Product Name: **D-(+)-Galactose**
CAS Number: 59-23-4
Specifications & Purity: $\geq 99\%$
Lot #: L2405361
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