

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-04 15:39:17
 Date of Next Testing: 2030-01-03 15:39:17
 Product Name: **D-(+)-Galactose**
 CAS Number: 59-23-4
 Specifications & Purity: Animal Free, Low Endotoxin, for cell culture, ≥99%
 Lot #: L2525379
 SKU #: **G665269**
 Version: **1**
 Analysis #: **617222**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	78-82 (°)	80.39800°
Loss on drying	0-10 (%)	0.12517 %
Endotoxin Level	0-20 (EU/g)	1.06000 EU/g
Purity(HPLC area)	99-100 (%)	99.76700 %
Total Plate Count	0-1000(CFU/g)	200.00000 cfu/g
Appearance(G665269)	White to Off-White powder	White to Off-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