

Certificate of Analysis

Date of Testing: 2024-05-29 09:22:23

Date of Next Testing: 2028-05-28 09:22:23

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

CAS Number: 59-23-4

Specifications & Purity: No animal source, low endotoxin, $\geq 99\%$, used for cell culture (medium material)

Lot #: D2428276

SKU #: **G665269**

Version: **1**

Analysis #: **347102**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation [a] _D 20/D(c=10 in H ₂ O)	78-82 (°)	81.89°
Loss on drying	0-10 (%)	0.00%
Endotoxin Level	0-20 (EU/g)	4.35000 EU/g
Purity(HPLC area)	99-100 (%)	99.85%
Total Plate Count	0-1000(CFU/g)	100.00000 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