

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2026-06-22 19:09:22

Date of Next Testing: 2030-06-21 19:09:22

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

CAS Number: 59-23-4

Specifications & Purity: Animal Free, Low Endotoxin, for cell culture, ≥99%

Lot #: F2608070

SKU #: **V36482**

Version: **0**

Analysis #: **730256**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] _{20/D} (c=10 in H ₂ O)	78-82 (°)	80.40°
Loss on drying	0-10 (%)	0.13 %
Endotoxin Level	0-20 (EU/g)	1.06000 EU/g
Total Plate Count	0-1000(CFU/g)	200.00000 cfu/g
Purity(HPLC area)	99-100 (%)	99.77 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O, clear colorless, 100mg/ml in water	Pass	Pass
Appearance(V36482)	White to Off-White powder	White to Off-White Powder

Quality Assurance : Xiaoyong Tan
Quality Control : Yunfei Zhu

