

**CERTIFICATE OF ANALYSIS**

**PRODUCT NAME:** D-Galactose  
**CAS NUMBER:** 59-23-4  
**BATCH NO.** 19/MFM/2338  
**MANUFACTURING DATE:** May 2019  
**EXPIRY DATE:** May 2023

TEST	Specification	Result
Description	White crystalline powder	Conforms
Assay (HPLC)	≥ 98.5%	99.0%
Related substances	≤ 1.5%	0.6%
Appearance of solution	Clear and ≤ B8	Conforms
Acidity or alkalinity	≤ 0.015 meq	0.003 meq
Protein	≤ 0.1 mg/ml	< 0.1 mg/ml
Barium	Conform	Conforms
Lead	≤ 0.05 ppm	Conforms
Water (KF)	≤ 1.0%	0.1%
Sulphated ash	≤ 0.1% on a.b.	< 0.1%
Total bacterial count (EP)	< = 100 ufc/g	30 ufc/g
<i>Additional information</i>		
Specific optical rotation	+ 78.0° + + 81.5°	+ 80.2°
Total yeast and mould count	≤ 100 ufc / g	0 ufc / g
Salmonella sp	Absent ufc/ 10g	Absent
E.coli	Absent ufc/ g	Absent

This document was generated electronically and is therefore valid without signature.  
Formedium Ltd products are supplied for Research Purposes only.

05<sup>th</sup> October 2021