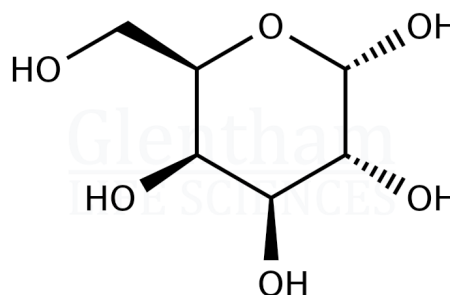


Certificate of Analysis

Product Name	D-(+)-Galactose, non-animal origin
Glentham Code	GC8777
CAS Number	59-23-4
EINECS	200-416-4
MDL Number	MFCD00151230
Batch Number	290WZP
Molecular Weight	180.16
Molecular Formula	$C_6H_{12}O_6$
Storage Temp.	+20°C



Property	Specification	Batch 290WZP
Physical Description	White to almost white crystalline powder	White crystalline powder
Solubility (10% in water)	Clear, colourless solution	Clear, colourless solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	+78.0 - +82.0 ° (c=10, water)	79.9°
Melting Point	164.0 - 173.0 °C	166.7°C
Heavy Metals	≤ 10ppm	≤ 10ppm
Residue on Ignition	≤ 0.2%	0.04%
Loss on Drying	≤ 1.0% (105°C, 1h)	0.1%
Purity	≥ 98.0%	99.9%

Specification Version	v1.0
Manufacture Date	2024-07-31
Re-Test Date	2032-11-04

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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