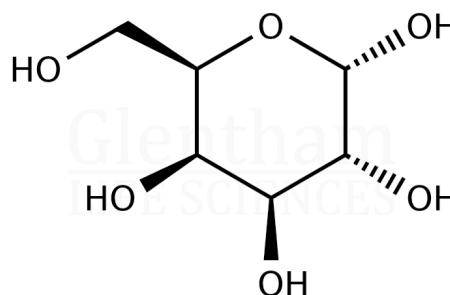


## Certificate of Analysis

Product Name D-(+)-Galactose  
Glentham Code GC7360  
CAS Number 59-23-4  
EINECS 200-416-4  
MDL Number MFCD00151230  
PubChem SID 310274030  
Batch Number 298HOL

Molecular Weight 180.16  
Molecular Formula  $C_6H_{12}O_6$   
Storage Temp. +20°C



Property	Specification	Batch 298HOL
Physical Description	White to off-white crystalline powder	Almost white crystalline powder
Specific Optical Rotation	+78.5 - +81.0 °	79.4°
Loss on Drying	≤ 0.5%	0.1%
Residue on Ignition	≤ 0.2%	0.06%
Chloride	≤ 30ppm	≤ 30ppm
Sulphate	≤ 50ppm	≤ 50ppm
Heavy Metals (as Pb)	≤ 10ppm	≤ 10ppm
Arsenic (As)	≤ 1.0ppm	0.03ppm
Lead (Pb)	≤ 3.0ppm	0.04ppm
Cadmium (Cd)	≤ 1.0ppm	0.03ppm
Mercury (Hg)	≤ 0.1ppm	0.04ppm
Assay	≥ 99.0%	99.2%

Specification Version v1.2  
Manufacture Date 2023-07-03  
Re-Test Date 2031-02-06

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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