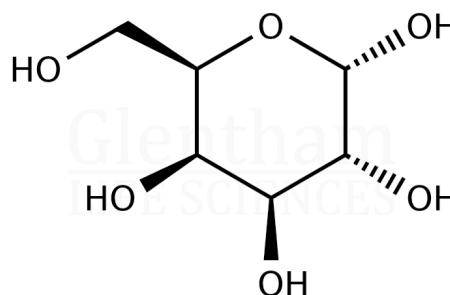


Certificate of Analysis

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 or contact us using the details above for the current version of this document.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024