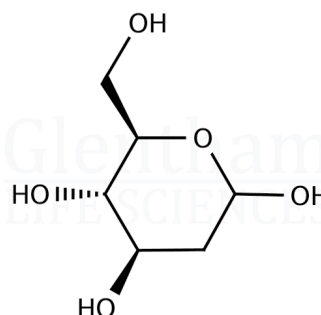


Certificate of Analysis

Product Name 2-Deoxy-D-glucose
Glentham Code GC6248
CAS Number 154-17-6
EINECS 205-823-0
MDL Number MFCD00151328
PubChem SID 310271072
Batch Number 860QFZ

Molecular Weight 164.16
Molecular Formula $C_6H_{12}O_5$
Storage Temp. +20°C



Property	Specification	Batch 860QFZ
Physical Description	White to almost white powder	White powder
Solubility (20% in water)	Clear, colourless solution	Clear, colourless solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	+44.0 - +48.0 ° (c=2, water)	+47.3°
Melting Point	147.0 - 152.0 °C	151.1°C
Residue on Ignition	≤ 0.2%	0.06%
Water (KF)	≤ 1.0%	0.2%
Assay (GC)	≥ 98.0%	99.4%

Specification Version v1.1
Manufacture Date 2023-04-05
Re-Test Date 2030-06-02

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, 2025