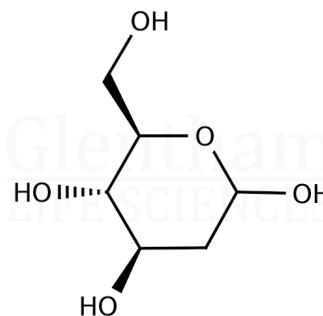


Certificate of Analysis

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 ₆ H 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 ([α] _D 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.

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