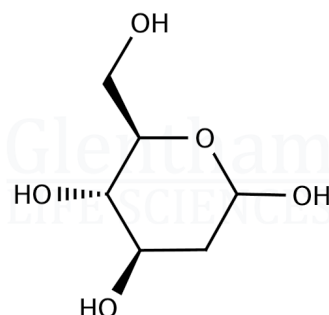


## Product Specification

Product Name	2-Deoxy-D-glucose
Glentham Code	GC6248
CAS Number	154-17-6
EINECS	205-823-0
MDL Number	MFCD00151328
PubChem SID	310271072
Molecular Weight	164.16
Molecular Formula	$C_6H_{12}O_5$
Storage Temp.	+20°C



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

Specification Version	- v1.1
Date Created	- 2021-05-11

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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