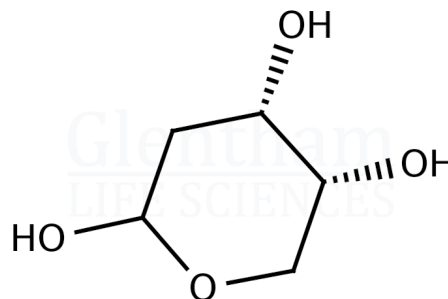


## Product Specification

Product Name	2-Deoxy-D-ribose
Glentham Code	GC7273
CAS Number	533-67-5
EINECS	208-573-0
MDL-Nummer	MFCD00135904
PubChem SID	310271140
Molecular Weight	134.13
Molecular Formula	$C_5H_{10}O_4$
Storage Temp.	+20°C



Property	Specification
Physical Description	White to almost white powder or crystals
Identification (IR)	To conform to standard
Solubility (5% in water)	Clear, colourless to faint yellow solution
pH (1% in water)	6.0 - 8.0
Specific Optical Rotation ( $[\alpha]_{20/D}$ )	-58.0 - -54.0 ° (c=1, water, 24h)
Heavy Metals (as Pb)	≤ 20ppm
Residue on Ignition	≤ 0.5%
Loss on Drying	≤ 1.0% (40 °C, in vacuo)
Purity (HPLC)	≥ 98.0%

Specification Version	- v1.2
Date Created	- 2025-01-20

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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