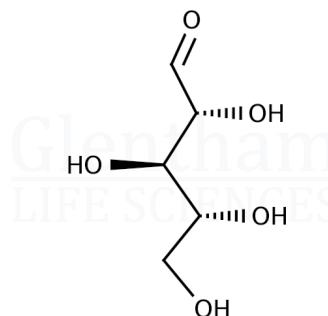


## Product Specification

Product Name	D-Ribose
Glentham Code	GC0856
CAS Number	50-69-1
EINECS	200-059-4
MDL Number	MFCD00135453
PubChem SID	310279716

Molecular Weight	150.13
Molecular Formula	$C_5H_{10}O_5$
Storage Temp.	+20°C



Property	Specification
Physical Description	White or almost white crystalline powder
Identification (IR)	To conform to standard
Solubility (5% in water)	Clear, colourless solution
Specific Optical Rotation ( $[\alpha]_{20/D}$ )	-20.8 - -19.0 ° (c=4, water)
Residue on Ignition	≤ 0.2%
Loss on Drying	≤ 1.0%
Heavy Metals	≤ 10ppm
Lead (Pb)	≤ 3ppm
Cadmium (Cd)	≤ 1ppm
Arsenic (As)	≤ 1ppm
Mercury (Hg)	≤ 0.1ppm
Assay	≥ 98.0%

Specification Version	- v1.2
Date Created	- 2024-01-17

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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