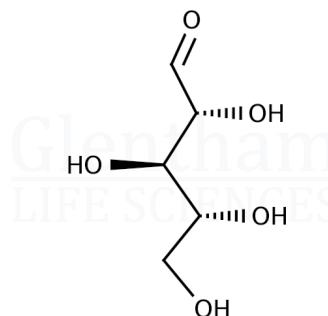


Product Specification

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 or contact us using the details above for the current version of this document.

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