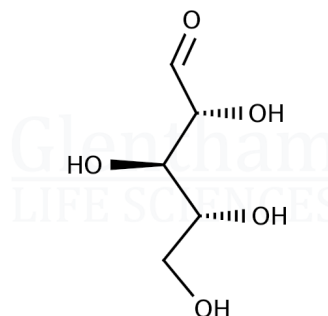


Certificate of Analysis

Product Name	D-Ribose
Glenthams Code	GC0856
CAS Number	50-69-1
EINECS	200-059-4
MDL Number	MFCD00135453
PubChem SID	310279716
Batch Number	385ZNS
Molecular Weight	150.13
Molecular Formula	C ₅ H ₁₀ O ₅
Storage Temp.	+20°C



Property	Specification	Batch 385ZNS
Physical Description	White or almost white crystalline powder	Almost white crystalline powder
Identification (IR)	To conform to standard	Conforms to standard
Solubility (5% in water)	Clear, colourless solution	Clear, colourless solution
Specific Optical Rotation ([α] ₂₀ /D)	-20.8 - -19.0 ° (c=4, water)	-19.0°
Residue on Ignition	≤ 0.2%	0.04%
Loss on Drying	≤ 1.0%	0.4%
Heavy Metals	≤ 10ppm	≤ 5ppm
Lead (Pb)	≤ 3ppm	≤ 3ppm
Cadmium (Cd)	≤ 1ppm	≤ 1ppm
Arsenic (As)	≤ 1ppm	≤ 1ppm
Mercury (Hg)	≤ 0.1ppm	≤ 0.1ppm
Assay	≥ 98.0%	99.5%

Specification Version	v1.2
Manufacture Date	2023-06-28
Re-Test Date	2032-01-04

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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