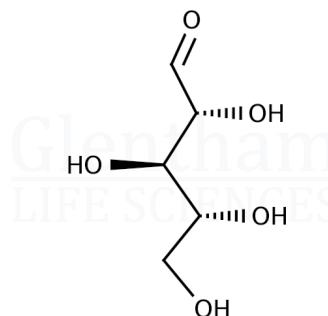


## Certificate of Analysis

Product Name D-Ribose  
Glentham 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  $C_5H_{10}O_5$   
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 ( $[\alpha]_{20/D}$ )	-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

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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