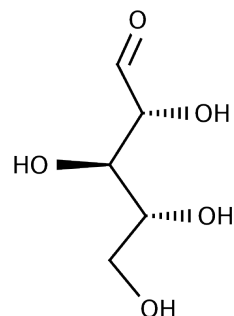


## Product Specification

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<sub>5</sub>H<sub>10</sub>O<sub>5</sub>  
Storage Temp. : +20°C



Property	Specification
Physical Description	White or almost white crystalline powder
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%
Total Impurities	≤ 1.0%
Iron (Fe)	≤ 30ppm
Heavy Metals	≤ 10ppm
Lead (Pb)	≤ 3ppm
Cadmium (Cd)	≤ 1ppm
Arsenic (As)	≤ 1ppm
Mercury (Hg)	≤ 0.1ppm
Assay	≥ 98.0%

Specification Version : v1.1  
Date Created : 2016-04-28

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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