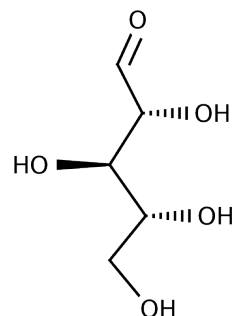


Product Specification

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 : C₅H₁₀O₅
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 or contact us using the details above for the current version of this document.

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