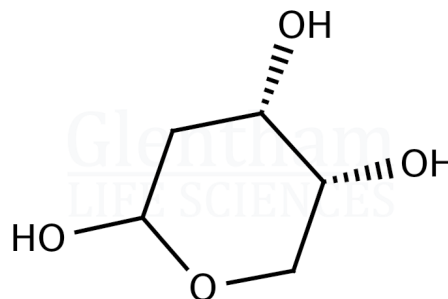


Certificate of Analysis

Product Name 2-Deoxy-D-ribose
Glentham Code GC7273
CAS Number 533-67-5
EINECS 208-573-0
MDL-Nummer MFCD00135904
PubChem SID 310271140
Batch Number 190DKW

Molecular Weight 134.13
Molecular Formula $C_5H_{10}O_4$
Storage Temp. +20°C



Property	Specification	Batch 190DKW
Physical Description	White to almost white powder or crystals	Almost white powder
Identification (IR)	To conform to standard	Conforms to standard
Solubility (5% in water)	Clear, colourless to faint yellow solution	Clear, faint yellow solution
pH (1% in water)	6.0 - 8.0	6.2
Specific Optical Rotation ($[\alpha]_{20/D}$)	-58.0 - -54.0 ° (c=1, water, 24h)	-56.8°
Heavy Metals (as Pb)	≤ 20ppm	≤ 20ppm
Residue on Ignition	≤ 0.5%	0.3%
Loss on Drying	≤ 1.0% (40 °C, in vacuo)	0.1%
Purity (HPLC)	≥ 98.0%	98.4%

Specification Version v1.2
Manufacture Date 2024-06-22
Re-Test Date 2030-12-06

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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