

## Product Datasheet

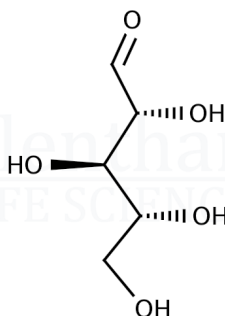
### GC0856 - D-Ribose

#### Product Details

Product Name	D-Ribose
Glenthams Code	GC0856
CAS Number	50-69-1
EINECS	200-059-4
MDL Number	MFCD00135453
PubChem SID	310279716
Related Categories	Carbohydrates, Core Carbohydrates, Biochemicals

#### Structure

Molecular Weight : 150.13  
Molecular Formula :  $C_5H_{10}O_5$



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%
Heavy Metals	: ≤ 10ppm
Lead (Pb)	: ≤ 3ppm
Cadmium (Cd)	: ≤ 1ppm
Arsenic (As)	: ≤ 1ppm
Mercury (Hg)	: ≤ 0.1ppm
Assay	: ≥ 98.0%
Identification (IR)	: To conform to standard
Version	: v1.2

#### About D-Ribose

No further details on record.

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as hazardous under CLP.  
Not classified as dangerous for transport.

#### Glenthams Product Specification

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