

## Product Datasheet

### GC6248 - 2-Deoxy-D-glucose

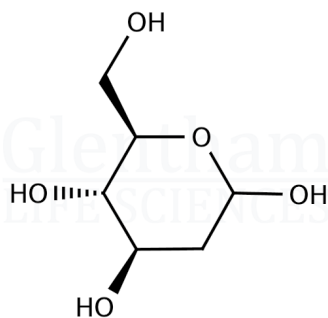
#### Product Details

Product Name	2-Deoxy-D-glucose
Glentham Code	GC6248
CAS Number	154-17-6
EINECS	205-823-0
MDL Number	MFCDD00151328
PubChem SID	310271072
Related Categories	Carbohydrates, Biochemicals

Solubility (20% in water)	: Clear, colourless solution
Specific Optical Rotation ( $[\alpha]_{20/D}$ )	: +44.0 - +48.0 ° (c=2, water)
Melting Point	: 147.0 - 152.0 °C
Residue on Ignition	: ≤ 0.2%
Water (KF)	: ≤ 1.0%
Assay (GC)	: ≥ 98.0%
Version	: v1.1

#### Structure

Molecular Weight : 164.16  
Molecular Formula :  $C_6H_{12}O_5$



#### About 2-Deoxy-D-glucose

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.

#### Glentham Product Specification

Physical Description : White to almost white powder

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025