

## Product Datasheet

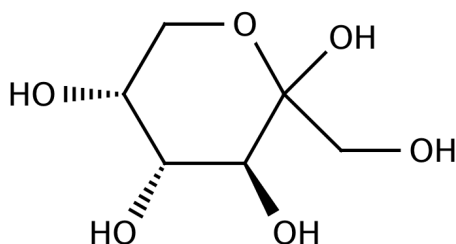
### GC9966 - D-(-)-Fructose

#### Product Details

Product Name	D-(-)-Fructose
Glenthams Code	GC9966
CAS Number	57-48-7
EINECS	200-333-3
MDL Number	MFCD00148910
PubChem SID	310273936
Related Categories	Carbohydrates, Core Carbohydrates, Biochemicals

#### Structure

Molecular Weight : 180.16  
Molecular Formula :  $C_6H_{12}O_6$



Physical Description	: White crystalline powder
Assay (HPLC)	: $\geq 99.0\%$
Loss on Drying	: $\leq 0.2\%$
Arsenic (As)	: $\leq 0.5\text{ppm}$
Cadmium (Cd)	: $\leq 0.2\text{ppm}$
Iron (Fe)	: $\leq 5\text{ppm}$
Lead (Pb)	: $\leq 0.1\text{ppm}$
Mercury (Hg)	: $\leq 0.1\text{ppm}$
Residue on Ignition	: $\leq 0.1\%$
Calcium and Magnesium (as Ca)	: $\leq 50\text{ppm}$
Chloride	: $\leq 180\text{ppm}$
Sulphates	: $\leq 200\text{ppm}$
Specific Optical Rotation	: $-93.0 - -91.0^\circ$
Appearance of Solution	: Meets specification
Barium (Ba)	: Meets specification
Foreign Sugars	: $\leq 0.5\%$
Pharmacopoeia Specification(s)	: USP, EP, FCC
Version	: v1.1

#### About D-(-)-Fructose

No further details on record.

#### Storage

Recommended storage temperature:  $+20^\circ\text{C}$ .

#### Hazards and Transport

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

#### Glenthams Product Specification

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