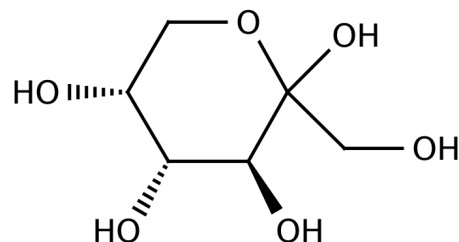


## Product Specification

Product Name	D-(-)-Fructose
Glentham Code	GC9966
CAS Number	57-48-7
EINECS	200-333-3
MDL Number	MFCD00148910
PubChem SID	310273936

Molecular Weight	180.16
Molecular Formula	$C_6H_{12}O_6$
Storage Temp.	+20°C



Property	Specification
Physical Description	White crystalline powder
Assay (HPLC)	≥ 99.0%
Loss on Drying	≤ 0.2%
Arsenic (As)	≤ 0.5ppm
Cadmium (Cd)	≤ 0.2ppm
Iron (Fe)	≤ 5ppm
Lead (Pb)	≤ 0.1ppm
Mercury (Hg)	≤ 0.1ppm
Residue on Ignition	≤ 0.1%
Calcium and Magnesium (as Ca)	≤ 50ppm
Chloride	≤ 180ppm
Sulphates	≤ 200ppm
Specific Optical Rotation	-93.0 - -91.0 °
Appearance of Solution	Meets specification
Barium (Ba)	Meets specification
Foreign Sugars	≤ 0.5%
Pharmacopoeia Specification(s)	USP, EP, FCC

Specification Version	- v1.1
Date Created	- 2023-04-04

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024