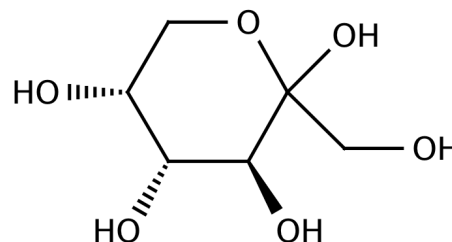


## Certificate of Analysis

Product Name D-(-)-Fructose  
Glentham Code GC9966  
CAS Number 57-48-7  
EINECS 200-333-3  
MDL Number MFCD00148910  
PubChem SID 310273936  
Batch Number 170FUB

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



Property	Specification	Batch 170FUB
Physical Description	White crystalline powder	White crystalline powder
Assay (HPLC)	≥ 99.0%	100.0%
Loss on Drying	≤ 0.2%	≤ 0.1%
Arsenic (As)	≤ 0.5ppm	Conforms
Cadmium (Cd)	≤ 0.2ppm	≤ 0.1ppm
Iron (Fe)	≤ 5ppm	Conforms
Lead (Pb)	≤ 0.1ppm	Conforms
Mercury (Hg)	≤ 0.1ppm	Conforms
Residue on Ignition	≤ 0.1%	Conforms
Calcium and Magnesium (as Ca)	≤ 50ppm	≤ 5ppm
Chloride	≤ 180ppm	≤ 40ppm
Sulphates	≤ 200ppm	≤ 50ppm
Specific Optical Rotation	-93.0 - -91.0 °	-92.0°
Appearance of Solution	Meets specification	Conforms
Barium (Ba)	Meets specification	Conforms
Foreign Sugars	≤ 0.5%	Conforms
Pharmacopoeia Specification(s)	USP, EP, FCC	Conforms

Specification Version v1.1  
Manufacture Date 2023-03-17  
Re-Test Date 2030-03-23

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.

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