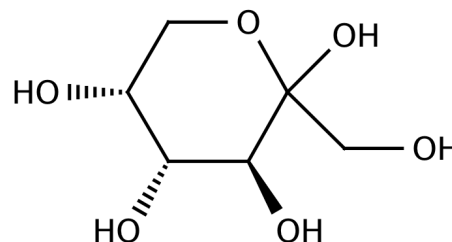


Certificate of Analysis

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 or contact us using the details above for the current version of this document.

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