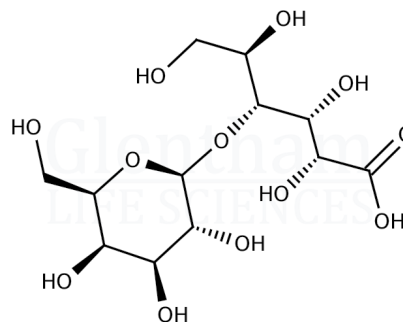


Certificate of Analysis

Product Name Lactobionic acid
Glentham Code GC3782
CAS Number 96-82-2
EINECS 202-538-3
MDL Number MFCD00078147
PubChem SID 310275674
Batch Number 170RJM

Molecular Weight 358.30
Molecular Formula $C_{12}H_{22}O_{12}$
Storage Temp. +20°C



Property	Specification	Batch 170RJM
Physical Description	White to almost white crystalline powder	White crystalline powder
Identification (IR)	To conform to standard	Conforms
Solubility (5% in water)	Clear, colourless solution	Clear, colourless solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	+23.0 - +29.0 ° (c=3, water)	+ 23.3°
Water	≤ 5.0%	3.3%
Assay (Titration)	97.0 - 103.0 % (dried basis)	101.7%

Specification Version v1.1
Manufacture Date 2023-03-05
Re-Test Date 2031-04-27

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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