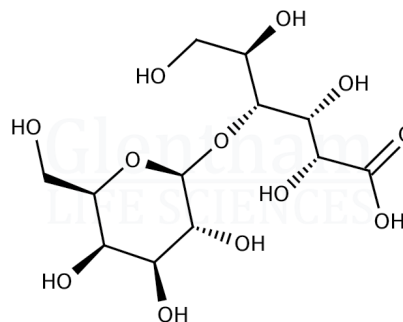


## Product Specification

Product Name	Lactobionic acid
Glentham Code	GC3782
CAS Number	96-82-2
EINECS	202-538-3
MDL Number	MFCD00078147
PubChem SID	310275674
Molecular Weight	358.30
Molecular Formula	$C_{12}H_{22}O_{12}$
Storage Temp.	+20°C



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

Specification Version	-	v1.1
Date Created	-	2023-04-21

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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