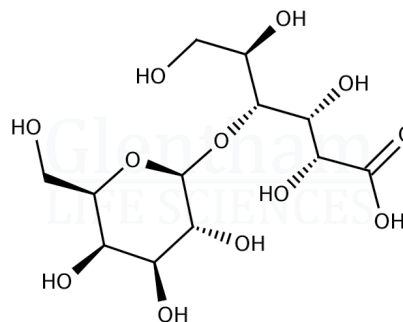


## Product Specification

Product Name	Lactobionic acid, EP grade
Glentham Code	GC0324
CAS Number	96-82-2
EINECS	202-538-3

Molecular Weight	358.30
Molecular Formula	C <sub>12</sub> H <sub>22</sub> O <sub>12</sub>
Storage Temp.	+20°C



Property	Specification
Physical Description	White to almost white crystalline powder
Identification	According to EP
Solubility (3g in 25ml water)	Clear, colourless solution
Specific Optical Rotation	+23.0 - +29.0 ° (dried basis)
Reducing Sugars	≤ 0.2%
Heavy Metals	≤ 10ppm
Calcium (Ca)	≤ 500ppm
Chloride (Cl)	≤ 500ppm
Iron (Fe)	≤ 100ppm
Ash	≤ 0.1%
Water	≤ 5.0%
Assay	98.0 - 102.0 % (dried basis)
Pharmacopoeia Specification(s)	EP

Specification Version	-	v1.1
Date Created	-	2013-11-26

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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