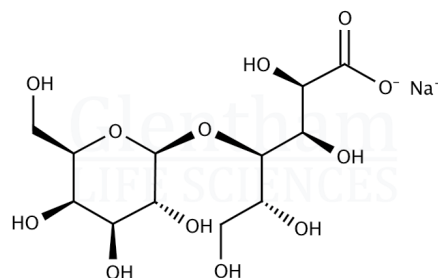


Certificate of Analysis

Product Name Sodium lactobionate
Glentham Code GK2515
CAS Number 27297-39-8
PubChem SID 310280125
MDL-Nummer MFCD06658158
Batch Number 973TLH

Molecular Weight 380.28
Molecular Formula $C_{12}H_{21}NaO_{12}$
Storage Temp. +20°C



Property	Specification	Batch 973TLH
Physical Description	White to pale yellow crystalline powder	White powder
Solubility (2% in water)	Clear, colourless to faint yellow solution	Clear, colourless solution
Specific Optical Rotation ([α] _D 20/D)	+20.0 - +23.0 ° (c=2, water)	22.05 °
Melting Point	165 - 175 °C	174.3 °C
Heavy Metals (as Pb)	≤ 30ppm	≤ 20ppm
Loss on Drying	≤ 1.0%	0.84%
Assay (Titration)	98.0 - 102.0 %	99.1%

Specification Version v1.2
Manufacture Date 2020-10-18
Re-Test Date 2028-11-17

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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