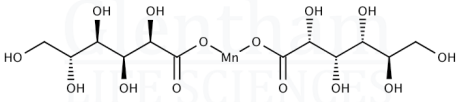
Glentham Life Sciences Ltd
Unit 5 Leafield Way
Corsham SN13 9SW
United Kingdom

t: +44 (0) 1225 667 798
f: +44 (0) 2033 978 909
e: info@glentham.com
w: www.glentham.com

Certificate of Analysis

Product Name	Gluconic acid manganese salt
Glentham Code	GC6800
CAS Number	6485-39-8
EINECS	229-350-4
PubChem SID	310274151
MDL Number	MFCD00867656
Batch Number	276LQF



Molecular Weight	445.24 (anhydrous)
Molecular Formula	$C_{12}H_{22}MnO_{14} \cdot xH_{20}$
Storage Temp.	+20°C

Property	Specification	Batch 276LQF
Physical Description	Pale pink crystalline powder	Pale pink crystalline powder
Identification	A, B acording to USP	Conforms
Chloride	≤ 0.05%	0.02%
Sulphate	≤ 0.2%	0.05%
Heavy Metals	≤ 20ppm	Conforms
Lead (Pb)	≤ 10ppm	3ppm
Arsenic (As)	≤ 2ppm	Conforms
Mercury (Hg)	≤ 0.1ppm	Conforms
Cadmium (Cd)	≤ 1ppm	Conforms
Reducing Substances	≤ 1.0%	0.2%
Manganese (Mn)	11.19 - 11.64 % (as hydrate)	11.52%
Water	6.0 - 9.0 %	8.5%
Assay	98.0 - 102.0 % (anhydrous basis)	100.9%
Pharmacopoeia Specification(s)	USP	Conforms

Specification Version	v1.0
Manufacture Date	2020-02-25
Re-Test Date	2029-08-03

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024

Printed: 2024-05-02 06:23:33