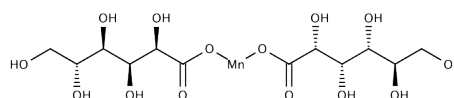


## Product Specification

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



Molecular Weight : 445.24 (anhydrous)  
Molecular Formula : C<sub>12</sub>H<sub>22</sub>MnO<sub>14</sub> · xH<sub>2</sub>O  
Storage Temp. : +20°C

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

Specification Version : v1.0  
Date Created : 2016-05-19

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2019