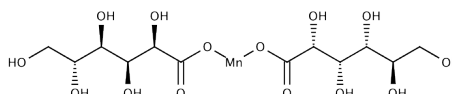


## Product Specification

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.

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