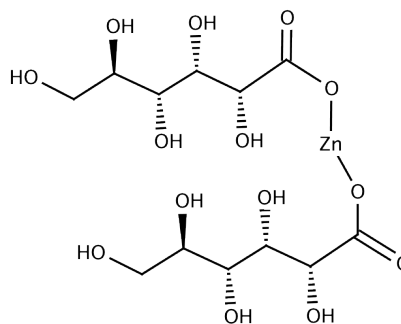


## Product Specification

Product Name	Gluconic acid zinc(II) salt
Glentham Code	GC6411
CAS Number	4468-02-4
EINECS	224-736-9
MDL Number	MFCD00868110
PubChem SID	310274153
Molecular Weight	455.69 (anhydrous)
Molecular Formula	C <sub>12</sub> H <sub>22</sub> O <sub>14</sub> Zn · xH <sub>2</sub> O
Storage Temp.	+20°C



Property	Specification
Physical Description	Colourless crystals to white crystalline powder
Identification	A, B according to USP
Solubility (2% in water)	Clear, colourless solution
pH (1% in water)	5.5 - 7.5
Chloride	≤ 0.05%
Sulphate	≤ 0.05%
Cadmium (Cd)	≤ 1ppm
Lead (Pb)	≤ 5ppm
Mercury (Hg)	≤ 1ppm
Arsenic (As)	≤ 2ppm
Organic Impurities	≤ 1.0%
Water	≤ 11.6%
Zinc (Zn)	12.90 - 13.56 % (as hydrate)
Assay	97.0 - 102.0 % (anhydrous basis)
Pharmacopoeia Specification(s)	USP

Specification Version	-	v1.0
Date Created	-	2016-04-08

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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