

Product Datasheet

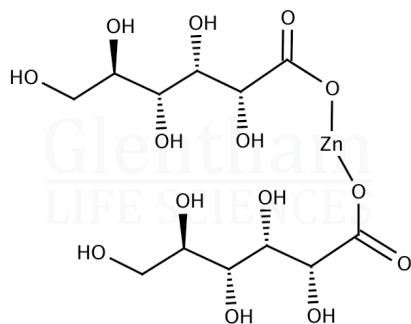
GC6411 - Gluconic acid zinc(II) salt

Product Details

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

Structure

Molecular Weight	: 455.69 (anhydrous)
Molecular Formula	: $C_{12}H_{22}O_{14}Zn \cdot xH_2O$



Solubility (2% in water)	: Clear, colourless solution
pH (1% in water)	: 5.5 - 7.5
Chloride	: $\leq 0.05\%$
Sulphate	: $\leq 0.05\%$
Cadmium (Cd)	: $\leq 1\text{ppm}$
Lead (Pb)	: $\leq 5\text{ppm}$
Mercury (Hg)	: $\leq 1\text{ppm}$
Arsenic (As)	: $\leq 2\text{ppm}$
Organic Impurities	: $\leq 1.0\%$
Water	: $\leq 11.6\%$
Zinc (Zn)	: 12.90 - 13.56 % (as hydrate)
Assay	: 97.0 - 102.0 % (anhydrous basis)
Pharmacopoeia Specification(s)	: USP
Version	: v1.0

About Gluconic acid zinc(II) salt

No further details on record.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

Glentham Product Specification

Physical Description	: Colourless crystals to white crystalline powder
Identification	: A, B according to USP

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