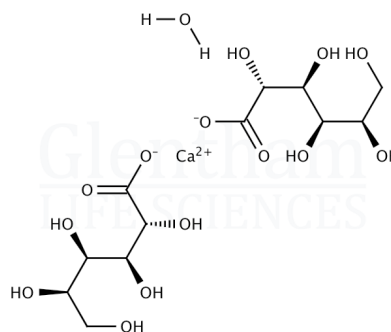


Certificate of Analysis

Product Name	Calcium D-gluconate monohydrate, USP grade
Glentham Code	GC7882
CAS Number	66905-23-5
EINECS	206-075-8
MDL Number	MFCD00150787
Additional CAS	18016-24-5
Additional CAS	299-28-5 (anhydrous)
PubChem SID	310269212
Batch Number	937CFD
Molecular Weight	448.39
Molecular Formula	$C_{12}H_{22}CaO_{14} \cdot H_2O$
Storage Temp.	+20°C



Property	Specification	Batch 937CFD
Physical Description	White crystalline powder	White crystalline powder
Identification	According to USP	Conforms
Chloride	≤ 0.07%	0.04%
Sulphate	≤ 0.05%	0.03%
Arsenic (As)	≤ 1ppm	0.4ppm
Heavy Metals	≤ 10ppm	≤ 10ppm
Lead (Pb)	≤ 3ppm	0.7ppm
Mercury (Hg)	≤ 0.1ppm	≤ 0.1ppm
Cadmium (Cd)	≤ 1ppm	≤ 1ppm
Loss on Drying	≤ 2.0%	1.1%
Reducing Substances	≤ 1.0%	0.1%
Assay (Titration)	98.5 - 102.0 % (C ₁₂ H ₂₂ CaO ₁₄ ·H ₂ O)	99.3%
Pharmacopoeia Specification(s)	USP	Conforms

Specification Version	v1.0
Manufacture Date	2023-02-07
Re-Test Date	2032-12-11

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.

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