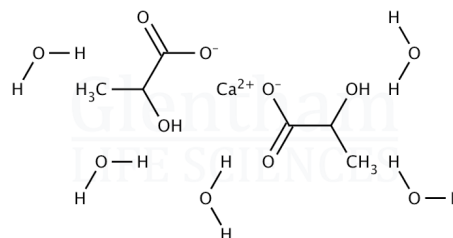


Certificate of Analysis

Product Name	Calcium lactate pentahydrate
Glentham Code	GE4641
CAS Number	28305-25-1
EINECS	248-953-3
MDL Number	MFCD00287281
Additional CAS	5743-47-5
Additional CAS	41372-22-9 (xH ₂ O)
Additional CAS	814-80-2 (anhydrous)
PubChem SID	310269220
Batch Number	164OTW

Molecular Weight	308.29
Molecular Formula	C ₆ H ₁₀ CaO ₆ · 5H ₂ O
Storage Temp.	+20°C



Property	Specification	Batch 164OTW
Physical Description	White granules or powder	White powder
Assay	98.0 - 101.0 % (C ₆ H ₁₀ CaO ₆ , dried basis)	99.9%
Solubility (5% in water)	Soluble	Soluble
pH (5% in water)	6.0 - 8.0	7.1
Loss on Drying	22.0 - 27.0 %	25.5%
Heavy Metals	≤ 20ppm	< 10ppm
Magnesium (Mg) and Alkali Salts	≤ 1.0%	< 1.0%
Acidity	≤ 0.37% (as lactic acid)	Conforms

Specification Version	v1.0
Manufacture Date	2023-09-27
Re-Test Date	2030-12-11

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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