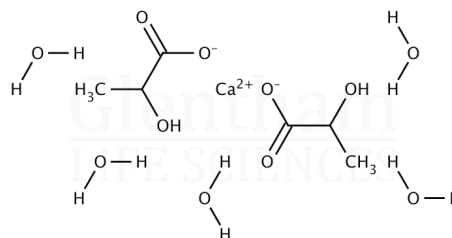


## Certificate of Analysis

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 <sub>2</sub> O)
Additional CAS	814-80-2 (anhydrous)
PubChem SID	310269220
Batch Number	164OTW

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



Property	Specification	Batch 164OTW
Physical Description	White granules or powder	White powder
Assay	98.0 - 101.0 % (C <sub>6</sub> H <sub>10</sub> CaO <sub>6</sub> , 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](http://www.glentham.com) or contact us using the details above for the current version of this document.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024