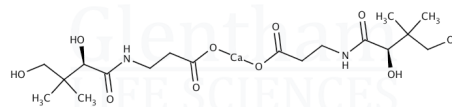


Certificate of Analysis

Product Name D-Pantothenic acid calcium salt
Glentham Code GE3451
CAS Number 137-08-6
EINECS 205-278-9
MDL Number MFCD00002766
Additional CAS 331748-07-3 (xH₂O)
Additional CAS 63409-48-3 (DL-)
PubChem SID 310278506
Batch Number 357ADI



Molecular Weight 476.54
Molecular Formula C₁₈H₃₂CaN₂O₁₀
Storage Temp. +20°C

Property	Specification	Batch 357ADI
Physical Description	White to almost white crystalline powder	White crystalline powder
Solubility (5% in water)	Clear, colourless solution	Conforms
pH (5% in water)	6.8 - 8.0	7.2
Heavy Metals	≤ 20ppm	Conforms
Loss on Drying	≤ 5.0%	2.31%
Calcium (Ca)	8.2 - 8.6 %	8.4%
Nitrogen (N)	5.7 - 6.0 %	5.9%
Assay	≥ 98% (dried basis)	99.5%

Specification Version v1.1
Manufacture Date 2018-04-11
Re-Test Date 2026-11-15

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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