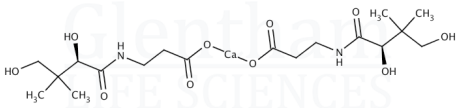
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Product Specification

Product Name	Calcium pantothenate, Ph. Eur. grade
Glentham Code	GE9302
CAS Number	137-08-6
EINECS	205-278-9
MDL Number	MFCD00002766
Additional CAS	331748-07-3 (xH2O)
Additional CAS	63409-48-3 (DL-)



Molecular Weight	476.54
Molecular Formula	$C_{18}H_{32}CaN_2O_{10}$
Storage Temp.	+20°C

Property	Specification
Physical Description	White or almost white powder
Specific Optical Rotation	+25.5 - +27.5 ° (c=5, water)
Identification (TLC)	To pass test
Identification	To pass tests C, D
Solubility (5% in water)	Clear, colourless solution
pH (5% in water)	6.8 - 8.0
3-Aminopropionic acid	≤ 0.5%
Chlorides	≤ 200ppm
Loss on Drying	≤ 3.0% (105°C)
Assay (Titration)	98.0 - 101.0 % (dried substance)
Pharmacopoeia Specification(s)	Ph. Eur.

Specification Version	-	v1.0
Date Created	-	2018-10-16

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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