

ISO 9001:2008 Co.



Rehsiff Scientific®

Manufacture & Importer of
Laboratory Fine Chemicals, Diagnostic Kit & Lab wares

CALCIUM-D-PANTOTHENATE FOR BIOCHEMISTRY

PRODUCT CODE	R01737
SYNONYMS	(+)-PANTOTHENIC ACID CALCIUM SALT
C.I. NO.	--
CASR NO.	(137-08-6)
ATOMIC OR MOLECULAR FORMULA	(C₉H₁₆NO₅)₂Ca
ATOMIC OR MOLECULAR WEIGHT	476.54
PROPERTIES	Store at 2-8°C
PARAMETER	LIMIT
Description	White crystalline powder.
Solubility	10% solution in water is clear and colourless.
Minimum assay (ex Ca dried)	98.0%
Specification rotation $[\alpha]_D^{20}$ (C=5, in water on dry material)	+26° to +28°
MAXIMUM LIMIT OF IMPURITIES	
Loss on drying at 110°C	5.0%
Heavy metals	0.003%
Note(s) :1] Assay (if applicable) method mentioned. 2] Storage 0 – 8°C	
WARNING Hazard statements : Not hazardous. No hazards. Precautionary statements Prevention: ----- Response: ---	IMDG Code :-- UN No. :-- IATA :--
Disposal: The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.	
Hazard Pictogram:--	
The image shows two GHS hazard pictograms. On the left is GHS05, which depicts a hand being poured upon by a liquid from a test tube. On the right is GHS07, which depicts a large black exclamation mark inside a red diamond border.	
GHS05 GHS07	

Replace Date 1 April 2023

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