



Product Specification

cdhfinechemical.com

CALCIUM-D-PANTOTHENATE FOR BIOCHEMISTRY

PRODUCT CODE	042520
SYNONYMS	(+)-PANTOTHENIC ACID CALCIUM SALT
C.I. NO.	--
CASR NO.	(137-08-6)
ATOMIC OR MOLECULAR FORMULA	(C ₉ H ₁₆ NO ₅) ₂ Ca
ATOMIC OR MOLECULAR WEIGHT	476.54
PROPERTIES	Store at 2-8°C
PARAMETER	LIMIT
Description	White to off-white crystals or crystalline powder.
Solubility	Soluble in water.
Minimum assay (NT/HPLC, on dry basis)	98.0%
pH (5% solution at 25°C)	6.80 - 8.00
Melting range	~190°C
Specification rotation [α] _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	IMDG Code :--
Hazard statements : Not hazardous. No hazards.	UN No. :--
Precautionary statements	IATA :--
Prevention: -----	
Response: ---	
Disposal: The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.	
Hazard Pictogram:--	

Replace Date 29-Jan-2026