

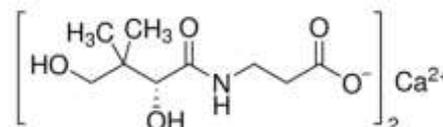


Product Specification

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	(C₉H₁₆NO₅)₂Ca
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
Specific 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:--

Replace Date 18-Feb-2026