

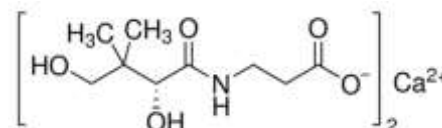


Product Specification

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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 crystalline powder.
Solubility	10% solution in water is clear and colourless.
Minimum assay (ex Ca dried)	98.0%
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

Hazard statements : Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: ---

IMDG Code :--
UN No. :--
IATA :--

Disposal: The chemical should be mixed combustibile solvent and burnt in a chemical incinerator equipped with burner and scrubber.

Hazard Pictogram:--

Replace Date 1-June-2023