

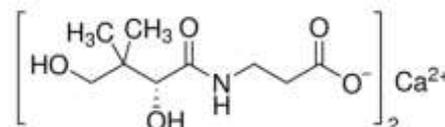


# Product Specification

cdhfinechemical.com

## CALCIUM-D-PANTOTHENATE FOR BIOCHEMISTRY

<b>PRODUCT CODE</b>	<b>042520</b>
<b>SYNONYMS</b>	<b>(+)-PANTOTHENIC ACID CALCIUM SALT</b>
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>(137-08-6)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>(C<sub>9</sub>H<sub>16</sub>NO<sub>5</sub>)<sub>2</sub>Ca</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>476.54</b>



**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
Specification rotation [α] <sub>D</sub> <sup>20</sup> (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