

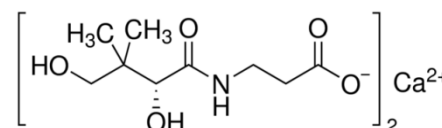


# Product Specification

cdhfinechemical.com

## CALCIUM-D-PANTOTHENATE FOR BIOCHEMISTRY

<b>PRODUCT CODE</b>	<b>044074</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>
<b>PROPERTIES</b>	<b>Store at 2-8°C</b>
<b>PARAMETER</b>	<b>LIMIT</b>
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°
<b>MAXIMUM LIMIT OF IMPURITIES</b>	
Loss on drying at 110°C	5.0%
Heavy metals	0.003%
<b>Note(s) :1] Assay (if applicable) method mentioned. 2] Storage 0 – 8°C</b>	
<b>WARNING</b>	IMDG Code :--
<b>Hazard statements</b> : Not hazardous. No hazards.	UN No. :--
<b>Precautionary statements</b>	IATA :--
<b>Prevention</b> : -----	
<b>Response</b> : ---	
<b>Disposal</b> : The chemical should be mixed combustibile solvent and burnt in a chemical incinerator equipped with burner and scrubber.	
<b>Hazard Pictogram</b> :--	



Replace Date 12-Dec.-2019