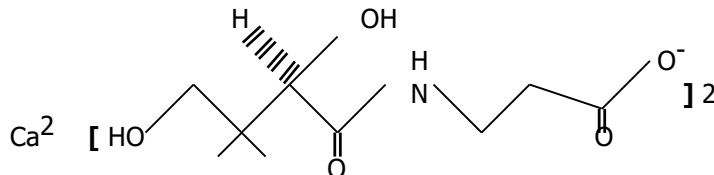




PRODUCT INFO
& DATASHEET

D-CALCIUM PANTOTHENATE USP

Molecular equation : $C_{18}H_{32}CaN_2O_{10}$
Molecular weight : 476.54
Structural formula :



CAS no. : 137-08-6

PRODUCT DESCRIPTION

D-Calcium Pantothenate is a white, slightly hygroscopic powder with an odour and slightly bitter taste. It meets all the requirements of the current USP. Kosher Certificate is available upon request. It is freely soluble in water and glycerol, slightly soluble in ethanol and practically insoluble in ether, chloroform and alcohol.

SPECIFICATIONS

Identification	:	Passes
Specific optical rotation	:	+ 25° - 27.5°
Alkalinity	:	Passes
Nitrogen content	:	5.7 - 6.0%
Calcium content	:	8.2 - 8.6%
Heavy metals (Pt)	:	≤ 2 ppm
Ordinary impurities	:	≤ 1%
Organic volatile impurities	:	Meets requirements
Loss on drying (3 h, 105°C)	:	≤ 5%
Assay	:	98% - 101%

APPLICATION

Component of Vitamin B. For Vitamin additive in food, feed and premixes concentrates, with growth promoting activity.

STORAGE

Keep in a cool, dry place and protected from light in an airtight closed container.

PACKING

In 25 kgs drums or 25 kgs cartons.

SHELF LIFE

48 months

Please consult us also for :

- * DL-Calcium Pantothenate 45% Feedgrade
- * D-Panthenol USP
- * DL-Panthenol USP
- * DL-Pantolactone 97% min.

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy himself of the suitability for his own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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