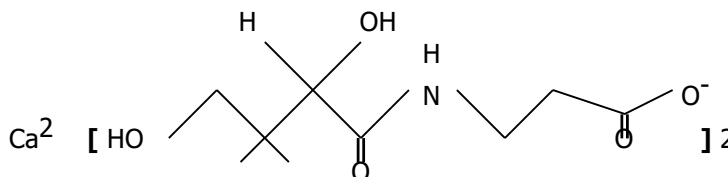


PRODUCT INFO  
& DATASHEET

# DL-CALCIUM PANTOTHENATE

## 45% Feedgrade

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



CAS no. : 6381-63-1

### **PRODUCT DESCRIPTION**

DL-Calcium Pantothenate is a white, slightly hygroscopic powder with an odour and slightly bitter taste. 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 :  $- 0.05^\circ - + 0.05^\circ$   
Alkalinity : Passes  
Nitrogen content : 5.7 - 6.0%  
Calcium content : 8.2 - 8.6%  
Heavy metals (Pt) :  $\leq 2$  ppm  
Ordinary impurities :  $\leq 1\%$   
Organic volatile impurities : Meets requirements  
Loss on drying (3 h, 105°C) :  $\leq 5\%$   
Assay : Min. 45%

### **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 cartons.

### **SHELF LIFE**

48 months

Please consult us also for :

- \* D-Calcium Pantothenate USP
- \* 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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