



Specification

Concerning Product:	
Article number	137086NEP
Trade name / designation / denomination	Vitamin B5 (D-Calcium pantothenate) EP
CAS number	137-08-6
Other names / synonyms	•CALCIUM DL-PANTOTHENATE; •Calcium DL-Pantothenate; •Calcium Pantothenate, FCC; •Calcium Pantothenate, Powder, USP; •Calcium Pantothenate, Ultrapure; •Calcium pantothenate; •D-PANTOTHENIC ACID; •D-Pantothenic acid hemicalcium salt; •DL-Pantothenic Acid Calcium Salt; •Vitamin B5;
EC number	205-278-9
Customs tariff number / CN code / TARIC	29362400
Molecular weight [g / mol]	476,54
Formula	C ₁₈ H ₃₂ CaN ₂ O ₁₀

Parameter	Specification	Unit
Organoleptic test		
Appearance of solution	clear and colourless	
Appearance	white or almost white powder	
Physical parameter		
Loss on drying	≤ 3,0	%
pH value	6,8 – 8,0	
Specific Optical Rotation	25,5 – 27,5	°
Identity		
Assay	98,0 – 101,0	%
Identification	complies	
Impurities		
Impurity	complies	%
Elemental Impurities		
Chlorides (Cl)	≤ 200	ppm
Microbiological data		
Aerobic microorganisms	≤ 1000	CFU/g
Escherichia Coli.	not detectable in 1 g	CFU/g
Salmonella	not detectable in 25 g	
Yeast and Mould	≤ 200	CFU/g

Regulatory information:

Allergens statement: According to Annex II of Regulation (EU) No **1169/2011** of the European Parliament and of the Council of 25th October 2011 and its amendment (EU) No **78/2014** on substances or products the above mentioned product does NOT cause allergies or intolerances and does NOT contain any allergens which have to be labelled according to these regulations.

BSE/TSE statement: Risk of BSE/TSE contamination can be excluded.

GMO statement: Genetic engineering:

For the above mentioned product there is no obligation of g.m.o. labelling as defined by the Regulations (EC) No **1829/2003** and **1830/2003** of the European Parliament and the Council of 22nd September 2003.

Supplemental information:

Shelf life: 36 month

Derivation: synthetic

Note: Traceability

According to Regulation (EC) No **178/2002** the traceability of the raw materials for the product is guaranteed one step backwards and of produced batches one step forward. All instructions, which are necessary to take these steps, are implemented in the Quality manual and management system according to IFS and BRC.

Storage conditions: Protect from light and store cool and dry in well-closed original packaging. The temperature should not exceed 25 °C.

Usage: The product is suitable for a vegetarian nutrition.

The product is suitable for a vegan nutrition.

The product is suitable for lactose intolerance diet.

The product is suitable for people with coeliac disease and sprue.

The product is in compliance with Jewish dietary laws.

The product is in compliance with Islamic dietary laws.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 06. Dec. 2019

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