



Technical Data Sheet

Vitamin B5 Calcium-D-Pantothenat 98% P.
Vitamin B5 Calcium-D-Pantothenate 98% P.

PRODUCT INFORMATION

Latin name	D-Calcium Pantothenate
CAS	0137-08-06
Origin	China
Carrier	None

ITEM	SPECIFICATION	METHOD
Assay	98.0%~102.0%	USP
Appearance*	White Powder	USP
Calcium Content	8.2-8.6%	USP
Infrared Identification	Meets Standard Graph	USP
Identification of Calcium	Meets all requirements	USP
Optical rotation	(+) 25° - 27.5°	USP
Loss on Drying	$\leq 5.0\%$	USP(105°for 3HR)
Residual Solvent(Methanol)	$\leq 0.3\%$	USP
Alkalinite	No pink reaction Within 5 seconds	USP

*The color may vary

STATEMENTS

Food Quality and Safety	According to Reg. (EC) 178/2002
Mycotoxins	According to Reg. (EC) 1881/2006 and amendments
Heavy Metals	According to Reg. (EC) 1881/2006, 629/2008: Cd<1ppm, Hg<0.1ppm, Pb<3ppm
Preservative	Preservative Free Conforms
Residual Solvents	According to Reg. (EC) 2009/32 and amendments
Pesticides	According to Reg. (EC) 2008/839
Polycyclic Aromatic Hydrocarbons (PAH)	According to Reg. (EC) 1933/2015: PAH 4- Sum of Benzo(a)pyrene, Benzo(a)anthracene, Benzo(b)fluoranthene and Chrysene : <50 μ g/kg Benzo(a)pyrene: <10 μ g/kg European Pharmacopoeia Current Edition: Bacterial Count (TAMC-Bacteria<10,000cfu/g, TYMC<100cfu/g, Samlmonella absent in 25g, Escherichia Coli absent in 1g, Gram-Negative Bacteria resistant to bile salts<100cfu/g).
Microbiology	
GMO	Not Detectable, GMO Free
ETO	Non-ETO Conforms
Vegan	Vegan Conforms
Sterilization Method	High Temperature and Pressure
Irradiation	No ionization or other radiation is permitted According to the Reg. (EC) 1992/2 and 1993/3 and amendments
BSE/TSE	Risk Free BSE/TSE
Allergen Labeling	According to Reg. (EC) 1169/2011
Nanomaterials	Absent According to Reg. (EC) 1169/2011
Titanium dioxide	Absent According to Reg. (EC) 2022/63
Pyrrolizidine Alkaloids	in compliance with Reg. (EC) 2020/2040
Packaging	According to Reg. (EU) Nr. 10/2011 and 1935/2004
Shelf Life	Remaining validity of at least 80% of the overall life of the reference

STORAGE AND HANDLING

Storage	Store in a well-closed container away from moisture and direct sunlight
Shelf Life	3 years if sealed and properly stored

Disclaimer

This document, or any answers or information provided herein by Chem2Market GmbH, does not constitute a legally binding obligation of Chem2Market GmbH. While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. It does not relieve our customers from the obligation to perform a full inspection of the products upon delivery or any other obligation. NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE