



Technical Data Sheet

Vitamin B5 Calcium-D-Pantothenat 98% P.
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PRODUCT INFORMATION

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

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	≤5.0%	USP(105°for 3HR)
Residual Solvent(Methanol)	≤0.3%	USP
Alkalinité	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 : <50µg/kg Benzo(a)pyrene: <10µg/kg European Pharmacopoeia Current Edition: Bacterial Count (TAMC-Bacteria<10.000cfu/g, TYMC<100cfu/g,
Microbiology	SamImonella absent in 25g, Escherichia Coli absent in 1g, Gram-Negative Bacteria resistant to bile salts<100cfu/g).
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
Pyrolizidine 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

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