



Technical Data Sheet

Vitamin B5 Calcium-D-Pantothenat P. (13940)
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PRODUCT INFORMATION

Origin	China	
Grade	Food	
Carrier	None	
Source	Synthetic	
CAS	0137-08-06	
ITEM	SPECIFICATION	METHOD
Assay	98.0 ~102.0%	
Appearance	White powder	
Identification C. Optical Rotation, Specific Rotation (on the dried basis)	(+) 25.0 ~ +27.5	
Loss on Drying	≤5.0%	
Content of calcium (on the dried basis)	8.2~8.6%	
Residual Solvent (Methanol)	≤0.3%	
Alkalinity	No pink color is produced within 5 s.	
Identification A. Spectroscopic Identification Tests, Infrared Spectroscopy	The infrared spectrum of the sample compares qualitatively to the infrared spectrum of the standard	
Identification B. Identification Tests-General, Calcium	A 50-mg/ml solution meets the requirements.	

STATEMENTS

Food Quality and Safety	According to Reg. (EC) 178/2002
Contaminants	According to Reg. (EC) 1881/2006 and amendments
Pesticides	According to Reg. (EC) 2008/839 and 2005/396
Microbiology	Bacterial Count: TAMC-Bacteria <100 cfu/g, TYMC <10 cfu/g, Salmonella negative/10g, E. Coli negative/g, Staphylococcus aureus negative/g, Bile-Tolerant Gram-Negative Bacteria negative/g
GMO	GMO Free According to Reg. (EC) 1829/2003 and 1830/2003 and amendments
ETO	Non-ETO Conforms
Vegan	Vegan Conforms
Irradiation	No ionization or other radiation is permitted According to Reg. (EC) 1992/2 and 1993/3 and amendments
BSE/TSE	Risk Free BSE/TSE
Allergen free	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. (EC) Nr. 10/2011 and 1935/2004

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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