

## Certificate of Analysis

**Product name:** **Calcii pantothenas**  
**Batch number / Weight:** **23E05-B04-228553 / 25 G**  
**Analysed according to:** **Ph.Eur.11.1**  
**Number of analysis / Inspection Code** **23E05-B04 / INS-23-4157**  
**Reference Code / No.:** **V01782 / 92107447G0**

Tests	Requirement	Result	Unit	Standard remark
Appearance	White powder	Conform		
Identification A	+25,5 - +27,5	+27,0		
Identification B	Conform	Conform		
Identification C	Conform	Conform		
Identification D	Conform	Conform		
Appearance of solution	Clear and colourless	Conform		
pH	6,8 - 8,0	7,19		
Specific optical rotation	+25,5 - +27,5	+27,0		
3-Aminopropionic acid	<=0,5	0,243	%	
Related substances	Conform	Conform		
Impurity B	<=0,8	0,32	%	
Impurity C	<=0,3	0,08	%	
Impurity E	<=0,25	0,134	%	
Impurity H	<=0,15	0,00	%	
Individual unspecified impurity	<=0,10	<0,05	%	
Total impurities	<=1,2	0,53	%	
Chlorides	<=200	<200	ppm	
Loss on drying	<=3,0	2,08	%	
Metallic residues	CHMP/ICH/353369/2013	Conform		Data producer
Residual solvents	CPMP/ICH/82 260/06	Conform		Data producer
Assay Calcium pantothenate	98,0 - 101,0	99,64	%m/m	
TSE/BSE-statement:	No contamination with TSE/BSE-risk materials	Conform		Data producer

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All the manufacturing stages of this batch have been carried out in full compliance with the GMP requirements of the EU and with the national legal requirements.

Analysis performed by the authorized lab Fagron PL lab

Release:  
Dominika Soltysik  
Qualified Person

23-06-2023

Expiration: 01-01-2026

Conclusion: APPROVED

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