

## Certificate of Analysis

**Product name:** **Calcii pantothenas**

**Batch number / Weight:** **21L03-B04-219904 / 100 G**

**Analysed according to:** **Ph. Eur.**

Tests	Requirement	Result	Unit	Standard remark
Appearance	White powder	Conform		
Identification A	+25,5 - +27,5	Conform		
Identification B	Conform	Conform		
Identification C	Conform	Conform		
Identification D	Conform	Conform		
Appearance of solution	Clear and colourless	Conform		
pH	6,8 - 8,0	7,00		
Specific optical rotation	+25,5 - +27,5	+26,9	°	
3-Aminopropionic acid	<=0,5	Conform	%	
Related substances	Conform	Conform		
Impurity B	<=0,8	0,35	%	
Impurity C	<=0,3	0,09	%	
Impurity E	<=0,25	0,17	%	
Impurity H	<=0,15	0,00	%	
Individual unspecified impurity	<=0,10	<0,05	%	
Total impurities	<=1,2	0,61	%	
Chlorides	<=200	<200	ppm	
Loss on drying	<=3,0	2,10	%	
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	99,78	%m/m	
TSE/BSE-statement:	No contamination with TSE/BSE-risk materials	Conform		Data producer

Analysis performed by the authorized lab.

Release:

Agnieszka Pszczółka

Qualified Person

18-03-2022

Expiration: 21-03-2024

Conclusion: APPROVED

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