

## Certificate of Analysis

**Product name:** **Calcii pantothenas**  
**Batch number / Weight:** **22C23-B02-219448 / 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	7,30		
Specific optical rotation	+25,5 - +27,5	+27,4		
3-Aminopropionic acid	<=0,5	Conform	%	
Related substances	Conform	Conform		
Impurity B	<=0,8	0,43	%	
Impurity C	<=0,3	0,09	%	
Impurity E	<=0,25	0,132	%	
Impurity H	<=0,15	0,000	%	
Individual unspecified impurity	<=0,10	<0,05	%	
Total impurities	<=1,2	0,65	%	
Chlorides	<=200	<200	ppm	
Loss on drying	<=3,0	2,54	%	
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	99,95	%m/m	
TSE/BSE-statement:	No contamination with TSE/BSE-risk materials	Conform		Data producer
Residual solvents				
Methanol	not more than 1500 ppm	<3000	ppm	

Analysis performed by the authorized lab.

Release:

Agnieszka Pszczółka

Qualified Person

30-05-2022

Expiration: 05-10-2024

Conclusion: APPROVED

This document has been produced electronically from our quality system and is valid without signature.