

Certificate of Analysis

Product name: **Calcii pantothenas**

Batch number / Weight: **21I27-B07-217140 / 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	+27,1	°	
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	1,24	%	
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	99,10	%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

04-03-2022

Expiration: 21-03-2024

Conclusion: APPROVED

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