



Spezifikation

Produktbezug:	
Produktnummer	137086V01
Handelsname / Bezeichnung	Vitamin B5 (Calcium-D-Pantothenat) P, L
CAS Nummer	137-08-6
Andere Bezeichnungen / Synonyme	•Calcium DL-Pantothenate; •Calcium pantothenate; •Calcium-D-pantothenat; •Calciumpantothenat; •DL-Pantothenic Acid Calcium Salt; •Vitamin B5; •calcium 3-[(2,4-dihydroxy-3,3-dimethyl-1-oxobutyl)amino]propanoate;
EG Nummer	205-278-9
Zolltarifnummer / CN-Code	29362400
Molekulargewicht [g/mol]	476,54
Formel	$C_{18}H_{32}CaN_2O_{10}$

Parameter	Specification	Unit
Sensorische Prüfung		
Aussehen	weißer oder fast weißer Feststoff	
Physikalische Parameter		
Trocknungsverlust	≤ 5,0	%
Spezifische optische Drehung	+20,5 – +27,5	°
Identifikation		
Gehalt	98,0 – 102,0	%
Identifizierung	A, B: entspricht	
Verunreinigungen		
Schwermetalle (als Pb)	≤ 20	ppm
Elementare Verunreinigungen		
Arsen (As)	≤ 1,0	ppm
Calcium (Ca)	8,2 – 8,6	%
Cadmium (Cd)	≤ 1,0	ppm
Quecksilber (Hg)	≤ 0,1	ppm
Blei (Pb)	≤ 2,0	ppm
Mikrobiologische Daten		
Escherichia Coli.	Neg.	CFU/g
Salmonellen	neg.	
Staphylococcus Aureus	neg.	
Gesamtkeimzahl	≤ 1000	CFU/g
Schimmel und Hefe	≤ 100	CFU/g

Zusätzliche Angaben:

Hinweis: Alkalinität: entspricht

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 21. May. 2025

LF-Basis: (2024-03-14)

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