



Spezifikation

Produktbezug:	
Produktnummer	137086CUP
Handelsname / Bezeichnung	Vitamin B5 (Calcium-D-Pantothenat)
CAS Nummer	137-08-6
Andere Bezeichnungen / Synonyme	•CALCIUM DL-PANTOTHENATE; •Calcium DL-Pantothenate; •Calcium Pantothenate, FCC; •Calcium Pantothenate, Powder, USP; •Calcium Pantothenate, Ultrapure; •Calcium pantothenate; •Calcium-D-pantothenat; •Calciumpantothenat; •D-PANTOTHENIC ACID; •D-Pantothenic acid hemicalcium salt;
EG Nummer	205-278-9
Zolltarifnummer / CN-Code	29362400
Molekulargewicht [g/mol]	476,54
Formel	C18H32CaN2O10

Parameter	Methode	Spezifikation	Einheit
Sensorische Prüfung			
Aussehen		weißes Pulver	
Physikalische Parameter			
Trocknungsverlust	105°for 3HR	≤ 5	%
Spezifische optische Drehung		25,5 – 27,5	°
Identifikation			
Gehalt	auf trockener Basis	98,0 – 102,0	%
Identifizierung	Calcium	Erfüllt alle Anforderungen	
Identifizierung	Infrarot	Erfüllt das Standarddiagramm	
Verunreinigungen			
Freies Alkali (Ca(OH) ₂)		Keine rosa Reaktion Innerhalb von 5 Sekunden	%
Restlösemittel			
Restlösemittel		Methanol ≤ 0,3	
Elementare Verunreinigungen			
Arsen (As)		≤ 1,0	ppm
Calcium (Ca)		8,2 – 8,6	%
Cadmium (Cd)		≤ 0,5	ppm
Quecksilber (Hg)		≤ 0,1	ppm
Blei (Pb)		≤ 0,5	ppm
Mikrobiologische Daten			
Escherichia Coli.		negativ	CFU/g
Salmonellen		neg. in 25g	
Gesamtkeimzahl		≤ 1000	CFU/g
Schimmel und Hefe		≤ 100	CFU/g

Zusätzliche Angaben:

regionaler Ursprung: China

Zusammenfassung: Entspricht dem aktuellen USP41. Calcium Pantothenate wird in China hergestellt und alle Materialien stammen aus China. Calciumpantothenat entspricht Proposition 65. Wir garantieren, dass dieses Produkt kein Melamin und keine seiner Nebenprodukte enthält.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 13. Oct. 2020

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