



Spezifikation

Produktbezug:	
Produktnummer	863616CL2
Handelsname / Bezeichnung	Vitamin K2 2% (Menaquinon)
CAS Nummer	863-61-6
Andere Bezeichnungen / Synonyme	•2-methyl-3-[(2E,6E,10E)-3,7,11,15-tetramethyl-2,6,10,14-hexadecatetraen-1-yl]-1,4-naphthalenedione; •MK-4; •Menaquinone 4; •Menatetrenone; •Vitamin K2;
Molekulargewicht [g/mol]	444.7
Formel	C ₃₁ H ₄₀ O ₂

Parameter	Spezifikation	Einheit
Sensorische Prüfung		
Aussehen	hellgelbes bis weißes, kristallines Pulver	
Physikalische Parameter		
Trocknungsverlust	≤ 10	%
pH-Wert	5,5 – 8,0	
Reduzierende Substanzen	Zucker: ≤ 0,2	%
Identifikation		
Gehalt	Menaquinone-4 (HPLC): ≥ 2,0	%
Identifizierung	gelb-brauner Bodensatz	
Verunreinigungen		
Glührückstand	≤ 0,1	%
Schwermetalle (als Pb)	≤ 10	ppm
Pestizide	neg.	
Verunreinigung	Fettsäure: neg.	
Verunreinigung	Stärke: neg.	
Elementare Verunreinigungen		
Arsen (As)	≤ 2	ppm
Nährstoffgehalt		
Kohlenhydrate	(Pharm. excipient) ≥ 90,0	g/100g
Mikrobiologische Daten		
Aerobe Mikroorganismen	≤ 1000	CFU/g
Escherichia Coli.	neg.	
Salmonellen	neg.	
Schimmel und Hefe	≤ 100	CFU/g

Zusätzliche Angaben:

Lagerbedingungen: Lagertemperatur: 0 - 8°C. Geschützt vor Licht und Feuchtigkeit.

Chemische Werke Hommel GmbH & Co.KG
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Waltrop, 29. Jul. 2019

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