



Spezifikation

Produktbezug:	
Produktnummer	79812PL17
Handelsname / Bezeichnung	Vitamin A - Retinyl Palmitat 1.7 MIU stabilisiert mit Tocopherol
CAS Nummer	79-81-2
Andere Bezeichnungen / Synonyme	•Retinylpalmitat; •Vitamin A (Palmitate); •Vitamin A Palmitat; •retinyl palmitate;
EG Nummer	201-228-5
Zolltarifnummer / CN-Code	29362100
Molekulargewicht [g/mol]	524,87
Formel	C ₁₆ H ₆₀ O ₂

Parameter	Methode	Spezifikation	Einheit
Sensorische Prüfung			
Aussehen		leicht gelblich bis gelber fettähnlicher fester Stoff oder ölige Flüssigkeit	
Farbe	EP9.0	C: Farbreaktion Retinol: ≤ 1,0	
Physikalische Parameter			
Säuregehalt	EP9.0	≤ 2,0	mgKOH/g
Peroxid (O ₂ ²⁻)	EP9.0	≤ 10	meq/kg
Identifikation			
Gehalt	USP40/ EP9.0	≥ 1.700.000	IU/g
Identifizierung	USP40/ EP9.0	entspricht den Anforderungen	
Dünnschichtchromatographie	USP40	A: Absorbance Ratio: [A325]/ A325 ≥ 0,85	
Verunreinigungen			
Schwermetalle (als Pb)	CP	≤ 10	ppm
Verwandte Substanzen	USP40/ EP9.0	B: Ratio (A300/A326) ≤ 0,60	
Verwandte Substanzen	USP40/ EP9.0	B: Ratio (A350/A326) ≤ 0,54	
Verwandte Substanzen	USP40/ EP9.0	B: Ratio (A370/A326) ≤ 0,14	

Elementare Verunreinigungen			
Arsen (As)	CP	≤ 1	ppm
Blei (Pb)	CP	≤ 2	ppm
Mikrobiologische Daten			
Kolibakterien	GB 4789.3	≤ 30	MPN/100g
Escherichia Coli.	GB 4789.38	Negative/25g	
Salmonellen	GB 4789.4	Negative/10g	
Gesamtkeimzahl	GB 4789.2	≤ 1000	CFU/g
Schimmel und Hefe	GB 4789.15	≤ 100	CFU/g

Zusätzliche Angaben:

Mindesthaltbarkeit: 2 Jahre

Herleitung:

Retinyl Palmitat 98%

dl-alpha-tocopherol 2%

Lagerbedingungen: In dicht geschlossenen Behältern, bei Raumtemperatur, sauber und trocken, fern von direkter Sonneneinstrahlung und Wasser lagern.

Entspricht der Monographie: USP40/EP9.0

regionaler Ursprung: CN

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 18. Mar. 2024

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