



Spezifikation

Produktbezug:	
Produktnummer	127479C1
Handelsname / Bezeichnung	Vitamin A-acetat 1.000.000 IU Retinolacetat
CAS Nummer	127-47-9
Andere Bezeichnungen / Synonyme	•Retinyl acetate; •Retinylacetat; •VITAMIN A ACETATE; •Vitamin A Acetate; •Vitamin A Acetate, Synthetic, Crystalline; •Vitamin A Acetate, USP; •Vitamin A acetate in gelatin, powder, 500.000 I.U./g; •Vitamin A-acetat; •Vitamin A-acetate; •acetic acid [(2E,4E,6E,8E)-3,7-dimethyl-9-(2,6,6-trimethyl-1-cyclohexenyl)nona-2,4,6,8-tetraenyl] ester;
EG Nummer	204-844-2
Zolltarifnummer / CN-Code	29362100
Molekulargewicht [g/mol]	328.48828
Formel	C ₂₂ H ₃₂ O ₂

Parameter	Methode	Spezifikation	Einheit
Sensorische Prüfung			
Aussehen	Visuell	Hellgelbes Öl wird Teil des Erstarrung bei niedriger Temperatur, Keine Fremdkörper und kein Geruch.	
Physikalische Parameter			
Säuregehalt	USP<401>Ph.Eur.2.5.	≤ 2.00	mg/g
Peroxid (O ₂ ²⁻)	USP<401>Ph.Eur.2.5.5	≤ 7.5	ol/kg
Identifikation			
Gehalt	UV-VIS	≥ 1,000,000	iu/g
Identifizierung	HPLC	Die Retentionszeit des Hauptpeaks entspricht dem in der Referenzlösung	
Verunreinigungen			
Verunreinigung	USP<231>I.Ph.Eur.2.4.8	Insgesamt Schwermetalle ≤ 10	ppm
Elementare Verunreinigungen			
Arsen (As)	USP<211>I.Ph.Eur.2.4.2	≤ 2	ppm
Cadmium (Cd)	USP<233>	≤ 1	ppm
Quecksilber (Hg)	USP<233>	≤ 0,1	ppm
Blei (Pb)	USP<251>Ph.Eur.2.4.10	≤ 2	ppm
Mikrobiologische Daten			
Bakterielle Endotoxine	USP<2021>Ph.Eur.2.6.13	≤ 10	CFU/g
Escherichia Coli.	USP<2022>Ph.Eur.2.6.13	neg. in 10g	
Salmonellen	USP<2022>Ph.Eur.2.6.13	neg. in 25 g	
Staphylococcus Aureus	USP<2022>Ph.Eur.2.6.13	neg. in 10g	
Gesamtkeimzahl	USP<2021>Ph.Eur.2.6.12	≤ 1.000	CFU/g
Schimmel und Hefe	USP<2021>Ph.Eur.2.6.12	≤ 100	CFU/g

Zusätzliche Angaben:

Mindesthaltbarkeit: 2 Jahre

Lagerbedingungen: Bei einer Temperatur unter 25 ° C lagern.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 07. Oct. 2020

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