



Spezifikation

Produktbezug:	
Produktnummer	10191410BDSM
Handelsname / Bezeichnung	Vitamin E DL-alpha-Tocopherol
CAS Nummer	10191-41-0
Andere Bezeichnungen / Synonyme	•(+)-a-Tocopherol; •(+)-alpha-Tocopherol; •(+/-)-alpha-Tocopherol; •2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-3,4-dihydro-2H-1-benzopyran-6-ol; •3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-2H-benzopyran-6-ol; •?-Tocopherol; •D-?-TOCOPHEROL; •D-alpha-Tocopherol; •DL-α-Tocopherol; •DL-?-TOCOPHEROL;
EG Nummer	233-466-0
Molekulargewicht [g/mol]	430.7061
Formel	C ₂₉ H ₅₀ O ₂
Kann für Wasserorganismen schädlich sein, mit langfristiger Wirkung. Freisetzung in die Umwelt vermeiden. Entsorgung des Inhalt/Behälter gemäß den örtlichen / regionalen / (inter)nationale Vorschriften.	

Parameter	Methode	Spezifikation	Einheit
Sensorische Prüfung			
Aussehen	visuell	klares viskoses Öl	
Farbe	visuell	farblos, fast farblos, leicht gelb, gelblich, gelbliches Braun	
Physikalische Parameter			
Säuregehalt	Titration	0,10 N NaOH: ≤ 1,0	mL
Brechungsindex		589 nm, 20 °C: 1.503 – 1.507	
Spezifische optische Drehung	Polarimetry	-0,01 – 0,01	°
Identifikation			
Gehalt		97,0 – 102,0	%
Identifizierung	GC	entspricht	
UV-Spektroskopie	UV/VIS spectroscopy	Maximum Ausschluss: 71,0 – 76,0	
Verunreinigungen			

Schwermetalle (als Pb)	ICP-MS	≤ 10	ppm
Sulphatasche	Gravimetric	≤ 0,1	%
Verunreinigung	GC	A. ≤ 0,5	%
Verunreinigung	GC	B. ≤ 1,5	%
Verunreinigung	GC	C. + D. ≤ 1,0	%
Verunreinigung	RRT:1. 294895	Jede andere Verunreinigung 1: ≤ 0,25	%
Verunreinigung	RRT:1. 674755	Jede andere Verunreinigung 2: ≤ 0,25	%
Verunreinigung		total: ≤ 2,5	%
Elementare Verunreinigungen			
Arsen (As)	ICP-MS	≤ 1	ppm
Cadmium (Cd)	ICP-MS	≤ 0,5	ppm
Quecksilber (Hg)	ICP-MS	≤ 1	ppm
Blei (Pb)	ICP-MS	≤ 2	ppm
Organische flüchtige Verunreinigungen			
Toluol	GC	≤ 80	ppm

Regulatorische Informationen:

Registrationsstatus: Dieses Produkt wird gemäß der Guten Herstellungspraxis (GMP) hergestellt.

Zusätzliche Angaben:

Mindesthaltbarkeit: 2 Jahre

Verpackung: 20 Kg Aluf Flasche

regionaler Ursprung: Europe

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 30. May. 2022

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