



Spezifikation

Produktbezug:	
Produktnummer	137666DPUF
Handelsname / Bezeichnung	Ascorbylpalmitat
CAS Nummer	137-66-6
Andere Bezeichnungen / Synonyme	•6-O-Palmitoyl-L-ascorbic Acid; •6-O-Palmitoyl-L-ascorbic acid; •6-O-Palmitoylascorbinsäure; •6-O-palmitoylascorbic acid; •Ascorbic acid 6-palmitate; •Ascorbyl palmitate; •Ascorbylpalmitat; •L-Ascorbyl 6-palmitate; •hexadecanoic acid [2-(4,5-dihydroxy-3-oxo-2-furanyl)-2-hydroxyethyl] ester;
EG Nummer	205-305-4
Zolltarifnummer / CN-Code	29362700
Molekulargewicht [g/mol]	414.53292
Formel	C ₂₂ H ₃₈ O ₇

Parameter	Methode	Spezifikation	Einheit
Sensorische Prüfung			
Aussehen der Lösung		klar, ≤ BY4	
Aussehen		weißes, fast weißes , gelbweißes Pulver	
Physikalische Parameter			
Trocknungsverlust		≤ 1,00	%
Spezifische optische Drehung	589nm, 20°C, dried, (c=10 in methanol)	21 – 24	°
Schmelzbereich		107 – 117	°C
Identifikation			
Gehalt		98 – 100.5	%
Identifizierung		A, B,C: entspricht	
Verunreinigungen			
Schwermetalle (als Pb)		≤ 10	ppm
Sulphatasche		≤ 0,1	%
Restlösemittel			
Restlösemittel		Acetone ≤ 500	ppm
Restlösemittel		Mesityl oxide ≤ 50	ppm
Restlösemittel		Petroleum Ether ≤ 290	ppm
Elementare Verunreinigungen			
Arsen (As)	AAS	≤ 3	ppm
Kupfer (Cu)	AAS	≤ 25	ppm
Quecksilber (Hg)	AAS	≤ 1	ppm
Blei (Pb)	AAS	≤ 2	ppm
Zink (Zn)	AAS	≤ 25	ppm

Zusätzliche Angaben:

Mindesthaltbarkeit: 30 Monate

Entspricht der Monographie: EP, USP, FCC

Verpackung: 5 KG Alubeutel

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 27. Nov. 2019

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