



Specification

Concerning Product:	
Article number	137666VEUL
Trade name / designation / denomination	Ascorbylpalmitat Pulver Ph.Eur./USP/NF/FCC/E 304
CAS number	137-66-6
Other names / synonyms	•6-O-Palmitoyl-L-ascorbic Acid; •6-O-Palmitoyl-L-ascorbic acid; •6-O-palmitoylascorbic acid; •Ascorbic acid 6-palmitate; •Ascorbyl palmitate; •L-Ascorbyl 6-palmitate; •hexadecanoic acid [2-(4,5-dihydroxy-3-oxo-2-furanyl)-2-hydroxyethyl] ester;
EC number	205-305-4
Customs tariff number / CN code / TARIC	29362700
Molecular weight [g / mol]	414.53292
Formula	C ₂₂ H ₃₈ O ₇

Parameter	Specification	Unit
Organoleptic test		
Appearance	White or yellowish-white powder	
Physical parameter		
Loss on drying	≤ 2,0	%
Specific Optical Rotation	+21 – +24	°
Identity		
Assay	98,0 – 100,5	%
Identification	Conform to standard	
Impurities		
Residue on ignition	≤ 0,1	%
Residual Solvents		
Residual solvents	≤ 0,5	%
Elemental Impurities		
Arsenic (As)	≤ 3	ppm
Calcium (Ca)	≤ 1	%
Mercury (Hg)	≤ 0,1	ppm
Lead (Pb)	≤ 2	ppm

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 19. Nov. 2024

LF-Basis: (2022-04-28)

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