



Spezifikation

Produktbezug:	
Produktnummer	137666SK
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		Weiss-gelbliches pulver	
Physikalische Parameter			
Trocknungsverlust		≤ 1.0	%
Spezifische optische Drehung		+21 – +24	°
Schmelzbereich		107 – 117	°C
Löslichkeit	10 % Mehanol	klar	
Identifikation			
Gehalt		≥ 98	%
Verunreinigungen			
Glührückstand		≤ 0,1	%
Schwermetalle (als Pb)		≤ 10.0	ppm

Zusätzliche Angaben:

Verwendung: Ascorbylpalmitat ist ein öllösliches, pulverförmiges Antioxidans, hergestellt mit RSPO- SG-zertifizierter Palmitinsäure. Ascorbylpalmitat ist sehr farbstabil und mit den meisten kosmetischen Emollients verträglich. Ascorbylpalmitat und Tocopherol im Verhältnis von ca. 2:1 gemischt ist ein besonders effektives Antioxidans für ungesättigte Fettsäuren in Ölen. Ascorbylpalmitat beschleunigt die Kollagensynthese der Haut und eignet sich daher auch für Antiaging Produkte.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 27. Nov. 2019

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