



Spezifikation

Produktbezug:	
Produktnummer	137666QPEUL
Handelsname / Bezeichnung	Ascorbylpalmitat (ex China)
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	Spezifikation	Einheit
Sensorische Prüfung		
Aussehen der Lösung	klar und nicht mehr als BY ₄	
Aussehen	weißes oder gelb-weißes Pulver	
Farbe	Weißegrad: ≥ 68	
Physikalische Parameter		
Trocknungsverlust	≤ 0.8	%
Spezifische optische Drehung	21 – 24	°
Schmelzbereich	107 – 117	°C
Identifikation		
Gehalt	98.0 – 100.5	%
Identifizierung	entspricht	
Verunreinigungen		
Glührückstand	≤ 0.1	%
Schwermetalle (als Pb)	≤ 4	ppm
Sulphatasche	≤ 0.1	%
Elementare Verunreinigungen		
Arsen (As)	≤ 1	ppm
Cadmium (Cd)	≤ 0.5	ppm
Quecksilber (Hg)	≤ 0.01	ppm
Blei (Pb)	≤ 2	ppm
Mikrobiologische Daten		
Bakterielle Endotoxine	≤ 1000	CFU/g
Escherichia Coli.	≤ 30	MPN/100g
Salmonellen	≤ 0	CFU/g
Staphylococcus Aureus	≤ 0	CFU/g

Zusätzliche Angaben:

Mindesthaltbarkeit: 24 Monate

Lagerbedingungen: In luftdichtem Behälter lagern, geschützt vor Licht, Feuchtigkeit und Hitze.

Entspricht der Monographie: BP2015, EP8.0, USP38, FCCIX

regionaler Ursprung: China

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 27. Nov. 2019

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