



Specification

Concerning Product:	
Article number	79812CC
Trade name / designation / denomination	Vitamin A-Palmitat 1.0 MIU
CAS number	79-81-2
Other names / synonyms	â€œVitamin A (Palmitate); â€œretinyl palmitate;
EC number	201-228-5
Customs tariff number / CN code / TARIC	29362100

Parameter	Test Method	Specification	Unit
Organoleptic test			
Discription	Visual	Light yellow oil, will be part of the solidification under low temperature, no foreign matter and no odor	
Physical parameter			
Acidity/Alkalinity	USP<401> Ph.Eur.2.5.1	≤ 2,00	mg/g
Peroxides (O ₂ ²⁻)	USP<401> Ph.Eur.2.5.5	≤ 7,50	mmol/kg
Identity			
Assay	UV-Vis	≥ 1000	u/g
Identification	HPLC	The retention time of the principal peak conforms to which in the reference solution	
Impurities			
Heavy Metals (as Pb)	USP<231>II Ph.Eur.2.4.8	≤ 10,00	ppm
Elemental Impurities			
Arsenic (As)	USP<211>II Ph.Eur.2.4.2	≤ 2,00	ppm
Cadmium (Cd)	USP<233>	≤ 1,00	ppm
Mercury (Hg)	USP<233>	≤ 0,10	ppm
Lead (Pb)	USP<251> Ph.Eur.2.4.10	≤ 2,00	ppm
Microbiological data			
Aerobic microorganisms	USP<2021> Ph.Eur.2.6.12	≤ 1000	CFU/g
Bacterial endotoxins	USP<2021> Ph.Eur.2.6.13	≤ 10	CFU/g
Escherichia Coli.	USP<2022> Ph.Eur.2.6.13	n.d./10g	CFU/g
Salmonella	USP<2022> Ph.Eur.2.6.13	n.d./ 25g	
Staphylococcus Aureus	USP<2022> Ph.Eur.2.6.13	n.d./10g	
Yeast and Mould	USP<2021> Ph.Eur.2.6.12	≤ 100	CFU/g

Supplemental information:

Storage conditions: Store at the temperature below 25Â°C

Chemische Werke Hommel GmbH & Co.KG

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Waltrip, 15. Sep. 2021

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