



Specification

Concerning Product:	
Article number	127479C1
Trade name / designation / denomination	Vitamin A-acetat 1.000.000 IU Retinolacetat
CAS number	127-47-9
Other names / synonyms	•Retinyl acetate; •VITAMIN A ACETATE; •Vitamin A Acetate; •Vitamin A Acetate, Synthetic, Crystalline; •Vitamin A Acetate, USP; •Vitamin A acetate in gelatin, powder, 500,000 I.U./g; •Vitamin A-acetate; •acetic acid [(2E,4E,6E,8E)-3,7-dimethyl-9-(2,6,6-trimethyl-1-cyclohexenyl)nona-2,4,6,8-tetraenyl] ester; •retinyl acetate; •trans-RETINYL ACETATE;
EC number	204-844-2
Customs tariff number / CN code / TARIC	29362100
Molecular weight [g / mol]	328.48828
Formula	C ₂₂ H ₃₂ O ₂

Parameter	Test Method	Specification	Unit
Organoleptic test			
Appearance	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.	≤ 2,0	mg/g
Peroxides (O ₂ ²⁻)	USP<401> Ph.Eur.2.5.5	≤ 7,5	ol/kg
Identity			
Assay	UV-VIS	≥ 1000	TIU/g
Identification	HPLC	The retention time of the principal peak conforms to which in the referencesolution	

Impurities			
Heavy Metals (as Pb)	USP<231>II Ph.Eur.2.4.8	≤ 10	ppm
Elemental Impurities			
Arsenic (As)	USP<211>II Ph.Eur.2.4.2	≤ 2	ppm
Cadmium (Cd)	USP<233>	≤ 1	ppm
Mercury (Hg)	USP<233>	≤ 0,1	ppm
Lead (Pb)	USP<251> Ph.Eur.2.4.10	≤ 2	ppm
Microbiological data			
Bacterial endotoxins	USP<2021> Ph.Eur.2.6.13	≤ 10	CFU/g
Escherichia Coli.	USP<2022> Ph.Eur.2.6.13	neg. in 10g	
Salmonella	USP<2022> Ph.Eur.2.6.13	neg. in 25 g	
Staphylococcus Aureus	USP<2022> Ph.Eur.2.6.13	neg. in 10g	
Total Plate Count	USP<2021> Ph.Eur.2.6.12	≤ 1000	CFU/g
Yeast and Mould	USP<2021> Ph.Eur.2.6.12	≤ 100	CFU/g

Supplemental information:

Shelf life: 2 years

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

Regional origin: CN

Chemische Werke Hommel GmbH & Co.KG

This document was generated electronically and is valid without signature.

Waltrop, 08. Oct. 2020

We only confirm that we took over the data from our supplier accordingly. Despite careful working, errors in the takeover are not totally excluded. Some or all parts off the document may be translated due to our best knowledge from the original to give a better understanding. If you have any questions about specific details, please call us directly. Unless otherwise marked, these data do not originate from us and have not been tested by us on the correctness. The above information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. We make no warranties, expressed or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of our products for its particular application. The foregoing information does not absolve the buyer of its own tests. Observing existing laws and regulations, is the responsibility of the buyer of our product. Nothing included in this information waives any of our General Terms and Conditions of Sale, which control unless it agrees other in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing our products, are available upon request and are provided in compliance with applicable law. The user should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact us.