



Specification

Concerning Product:	
Article number	79812AIL17
Trade name / designation / denomination	Vitamin A Palmitat 1.7 MIU
CAS number	79-81-2
Other names / synonyms	•Vitamin A (Palmitate); •retinyl palmitate;
EC number	201-228-5
Customs tariff number / CN code / TARIC	29362100
Molecular weight [g / mol]	524,87
Formula	C ₁₆ H ₆₀ O ₂

Parameter	Test Method	Specification	Unit
Organoleptic test			
Appearance	visual	Oily Liquid, partial crystallization may occur in low Temperature.	
Colour	visual	Yellow or Brown	
Physical parameter			
Acidity/Alkalinity		≤ 1,0	mg KOH/g
Peroxides (O ₂ ²⁻)		≤ 10,0	meq/kg
Identity			
Absorbance of Solution		Meet the requirements	
Assay	UV	Vitamin A Palmitate Content ≥ 1.700.000	IU/g
Identification		Meet the requirements	
Impurities			
Benzo[a]pyrene (BAP)		≤ 10,0	µg/kg
Heavy Metals (as Pb)		≤ 10,0	mg/kg
Polycyclic aromatic hydrocarbons (PAH)		≤ 50	µg/kg
Related substances		Content of the Vitamin A Acetate and Retinol ≤ 1	%
Elemental Impurities			
Arsenic (As)		≤ 1,0	mg/kg
Lead (Pb)		≤ 2,0	mg/kg

Microbiological data			
Escherichia Coli.		Negative	CFU/g
Salmonella		Negative	
Total Plate Count		≤ 1000	CFU/g
Yeast and Mould		≤ 100	CFU/g

Annotation:

Product is free from Ethylene Oxide residues according to EU regulation.

Product is free of allergens according to Regulation (EU) No. 1169/2011 Annex II. Product is GMO free and complies to Regulations (EC) No. 1829/2003 and 1830/2003. Product is irradiation free according to Directive EC 1999/2/EG and 1169/2011. Product conforms to PAH regulation EC No. 1881/2006. Product conforms to Pesticide regulation EC No. 396/2005. Product conforms to solvent directive EC 2009/32. Product conforms to TSE/BSE regulation EC No. 999/2001.

Product is suitable and safe for human consumption according to Regulation EC 178/2002. Product is suitable for vegetarian or vegan diets. Product is Kosher and Halal certified. Product does not meet the criteria for classification as dangerous in accordance with EU regulation (EC) No 1272/2008 and its modifications, therefore is not subject to the obligation to provide a Material Safety Data Sheet according to EU regulation (EC) No 1907/2006 and its modifications.

Residual Pesticides: Meet EC 396/2005

Supplemental information:

Shelf life: 24 months

Derivation: 98.5 % Vitamin A Palmitate Oil; 1.0 % Corn Oil; 0.5 % Bht

Storage conditions: Store in sealed container, keep in cool and dry place.

Regional origin: CN

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 21. Oct. 2022

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