



Specification

Concerning Product:	
Article number	127479NLEU5
Trade name / designation / denomination	Vitamin A-Acetat 500 TIU 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	Specification	Unit
Organoleptic test		
Appearance	Free-flowing light yellow powder, consisting of spherical particles.	
Physical parameter		
Loss on drying	≤ 5,0	%
Bulk density	~ 0,6	g/ml
Solubility	The product can be dispersed in warm water (35 - 40 °C) to form a milky emulsion.	
Identity		
Assay	(= min. 150 000 RE/g) (1 IU = 0.344 g Vitamin A-Acetat) 500 000 – 575 000	IU/g
Impurities		
Heavy Metals (as Pb)	≤ 10	ppm
Elemental Impurities		
Arsenic (As)	≤ 1	ppm
Cadmium (Cd)	≤ 1	ppm
Mercury (Hg)	≤ 0,1	ppm
Lead (Pb)	≤ 2	ppm
Nutritional data		
Calories	1351	kJ
Calories	318	kcal

Carbohydrates	52,0	g/100g
All Fats	0,0	g/100g
Sodium (Nutrient)	0,3	g/100g
Protein	25,0	g/100g
Sugar	30,0	g/100g
Microbiological data		
Aerobic microorganisms	≤ 1000	CFU/g
Escherichia Coli.	neg. in 1 g	
Salmonella	neg. in 25 g	
Yeast and Mould	≤ 200	CFU/g
Particle size distribution		
Particles	20 mesh: ≤ 100	%
Particles	40 mesh: ≥ 95	%
Particles	80 mesh: ≤ 10	%

Regulatory information:

Allergens statement: According to Annex II of Regulation (EU) No **1169/2011** of the European Parliament and of the Council of 25th October 2011 and its amendment (EU) No **78/2014** on substances or products the above mentioned product does NOT cause allergies or intolerances and does NOT contain any allergens which have to be labelled according to these regulations.

GMO statement: Genetic engineering:

For the above mentioned product there is no obligation of g.m.o. labelling as defined by the Regulations (EC) No **1829/2003** and **1830/2003** of the European Parliament and the Council of 22nd September 2003.

Irradiated Status: Non-irradiated

Supplemental information:

Shelf life: 24 month

It is recommended to use to the remaining contents quickly once the package has been opened.

Derivation: Ingredients in descending order of weight: Sucrose, gelatin (pig skin), modified maize starch, vitamin A-acetate, t-butyl-hydroxytoluene (BHT, E321), sodium aluminium silicate (E554, anti-caking agent).

Note: The product contains pig skin gelatin.

Storage conditions: Stored in the original unopened packaging under in a cool (8-15 °C), dry and dark place. Avoid storage > 25°C if possible.

Conclusion: The product meets the requirements of vitamin A concentrate (powder form) synthetic EP and vitamin A USP.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 30. Jan. 2020

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