



Specification

Concerning Product:	
Article number	127479VL325
Trade name / designation / denomination	Vitamin A-Acetat 325 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	pale yellow to yellow flowing powder	
Physical parameter		
Loss on drying	≤ 5	%
Solubility	easily soluble in cold water 15°C to form a homogeneous and stable emulsion	
Identity		
Assay	≥ 325000	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
Microbiological data		
Escherichia Coli.	Negative	CFU/g
Salmonella	Negative	
Total Plate Count	≤ 1000	CFU/g
Yeast and Mould	≤ 100	CFU/g
Particle size distribution		
Particles	pass 60 mesh ≥ 90	%

Supplemental information:

Shelf life: 2 years

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 25. Aug. 2020

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