



Specification

Concerning Product:	
Article number	127479TIL2
Trade name / designation / denomination	Vitamin A-acetat 250 TIU Retinolacetat
CAS number	127-47-9
Other names / synonyms	retinyl acetate Retinylacetat Vitamin A-acetat
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			
Flavor and taste	Organoleptic	characteristic	
Odour	TLC	characteristic	
Physical parameter			
Density		~ 1.53	g/ml
Form	Visual	powder	
Loss on drying	GB/T5009.3 -2010	≤ 5	%
Melting range		133 – 144	°C
Identity			
Assay	GB26687-2011	≥ 250 000	IU/g
Identification	Organoleptic	passes test	
Impurities			
Residue on ignition	GB/T5009.4 -2010	≤ 5	%
Heavy Metals (as Pb)	CP2005	≤ 10	ppm
Pesticides	GB/T5009.146-2010	Negative	ppb
Elemental Impurities			

Arsenic (As)	GB/T5009.11 -2010	≤ 1	ppm
Mercury (Hg)	CP2005	≤ 1	ppm
Lead (Pb)	GB/T5009.12 -2010	≤ 1	ppm
Microbiological data			
Escherichia Coli.	GB/T4789.3-2010	≤ 30	MPN/100g
Salmonella	GB/T4789.4-2010	Negative	CFU/g
Total Plate Count	GB/T4789.2-2010	≤ 1000	CFU/g
Yeast and Mould	GB/T4789.15-2010	≤ 100	CFU/g
Particle size distribution			
Particles	100MeshScreen	> 80 mesh: ≥ 100	%

Regulatory information:

Residual solvents(Ph.Eur.):

Negative

Supplemental information:

Regional origin:

CN

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 20. Sep. 2018

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