



Chem2Market GmbH Planckstraße 17 22765 Hamburg - DE info@plants2market.com +49 40 80 79 60 10

Technical Data Sheet

Vitamin A - Retinyl Acetat 500.000 IU/g P. Vitamin A - Retinyl Acetate 500,000 IU/g P.



PRODUCT INFORMATION

PRODUCT INFORMATION			
Scientific name	Retinyl Acetat	Origin	China
CAS No	127-47-9		
Description	Vitamin A Acetate 500,000IU/g, using our unique microcapsule technology, is made of the food-grade vitamin A acetate oil droplets which form stable sub-micron embedded in micro-capsules. It has no foreign matter and no odor. The whole process of production in GMP workshop, strictly controlled by the HACCP. It's easily dispersed in cold water 15°C to form a homogeneous and stable emulsion.		
ITEM	SPECIFICATION	METHOD	
Assay	Min 500,000IU/g Min 95% (Equivalent to the labeled amount of vitamin A activity)	HPLC USP	
Appearance	Pale yellow Free-flowing powder	Visual	
Identification	The retention time of the principal peak conforms to which in the reference solution	HPLC	
Sieve analysis	100% through 40 mesh Min 90.0% through 80 mesh	USP<786>; Ph.Eur.2.9.12	
Loss on Drying	Max 5.0%	USP<731>; Ph.Eur.2.2.32	
Aflatoxin B1	2 μg/kg	Eu. Pharm. c.v. (2.8.18)	
Total Aflatoxins (B1, B2, G1, G2)	4 μg/kg	Eu. Pharm. c.v. (2.8.18)	
STATEMENTS			
Food Quality and Safety	According to Reg. (EC) 178/2002		
Hygiene of foodstuffs	In compliance with Reg. (EC) 852/2004		
Hazard	See MSDS		
Contaminants	According to Reg. (EC) 2023/915 for food supplements		
Preservative	Preservative Free		
Residual Solvents	According to Dir. (EC) 2009/32 and amendments		
Pesticides	According to Reg. (EC) 396/2005 and amendments		
Microbiology	Bacterial Count: TAMC-Bacteria: <10,000 cfu/g, TYMC: <300 cfu/g, Salmonella: negative, E. Coli: negative, S. Aureus: negative		
GMO	GMO Free According to Reg. (EC) 1829/2003 and 1830/2003 and amendments		
ETO	ETO free		
Vegan	Conform		
Irradiation	No ionization or other radiation is permitted According to Reg. (EC) 1999/2 and 1999/3 and amendments		
BSE/TSE	Risk Free BSE/TSE		
Allergen status	No allergens requiring labeling according to Reg. (EC) 1169/2011		
Nanomaterials	Absent According to Reg. (EC) 1169/2011		
Titanium dioxide	Absent According to Reg. (EC) 2022/63		
Packaging	According to Reg. (EC) 1935/2004 and 10/2011 and amendments		
STORAGE AND HANDLING			
Storage	Store at the temperature below 2	5°C.	
Shelf Life	2 years if sealed and properly stor	ed	

Disclaimer

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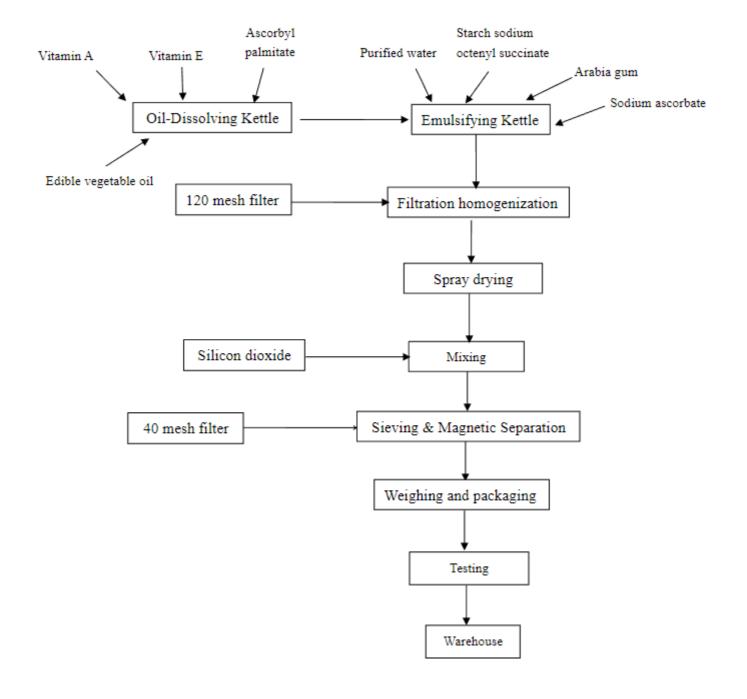


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PRODUCTION FLOW CHART

Vitamin A Acetate Powder 0.5MIU/g CWS Process



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