



Zhejiang Tianhecheng Bio-Technology Shares Co., Ltd.
Specification Sheet

Product Name	Vitamin A Acetate Powder	Specification	THC-VA01D (325 CWS)
Test Standard	USP/EP	Shelf Life	24 Months
Packing size	25kg/Drum 20kg/Carton	/	/
Items			
Items	Specifications	Methods	
Description	Pale yellow powder, no foreign matter and no odor.	Visual	
Identification	The retention time of the principal peak conforms to which in the reference solution	HPLC	
Particle Size	100% pass through sieve 40 mesh Min.90% pass through sieve 80 mesh	USP<786> Ph.Eur.2.9.12	
Vitamin A Acetate Assay	≥325,000iu/g	HPLC	
Loss on drying	≤5.0%	USP<731> Ph.Eur.2.2.32	
Heavy Metals (as Pb)	≤10.00ppm	USP<231> II Ph.Eur.2.4.8	
Lead (as Pb)	≤2.00ppm	USP<251> Ph.Eur.2.4.10	
Arsenic (as As)	≤2.00ppm	USP<211> II Ph.Eur.2.4.2	
*Cadmium (as Cd)	≤1.00ppm	USP<233>	
*Mercury (as Hg)	≤0.10ppm	USP<233>	
Total aerobic microbial count	≤1000CFU/g	USP<2021>	
Total moulds and yeasts count	≤100CFU/g	Ph.Eur.2.6.12	
Enterobacterial	≤10CFU/g	USP<2021> Ph.Eur.2.6.13	
*Escherichia coil	n.d./10g	USP<2022>	
*Salmonella	n.d./25g	Ph.Eur.2.6.13	
*Staphylococcus aureus	n.d./10g		
Conclusion: Conform to USP/EP			
Remarks: 1. Store at the temperature below 25°C. 2. * Analyzed as per six batches, not less than once per year.			