



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

Product Name	Vitamin A Palmitate Powder	Specification	THC-VA03B (250 CWS)
Test Standard	USP/EP	Shelf Life	24 Months
Packing size	25kg/Drum 20kg/Carton	/	/
Items	Specifications	Methods	
Description	Pale yellow free-flowing 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 Palmitate Assay	≥250,000iu/g	UV-Vis	
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> Ph.Eur.2.6.12	
Total moulds and yeasts count	≤100CFU/g		
Enterobacterial	≤10CFU/g	USP<2021> Ph.Eur.2.6.13	
*Escherichia coil	n.d./10g	USP<2022> Ph.Eur.2.6.13	
*Salmonella	n.d./25g		
*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.			