



COVITAS 可维素 XINCHANG NHU VITAMINS COMPANY LTD.

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Certificate of Analysis

Date:Mar.09, 2023

Product Name	:	Vitamin A Acetate 325 SD CWS/S
Product Code	:	SP01-07
Batch No.	:	022301B019
Total Quantity	:	300KGS
Manufacture Date	:	Jan.11, 2023
Certificate Date	:	Mar.09, 2023
Expiry Date	:	Jan.10, 2025

Results of Analysis

Items	Standards	Results
Identification	A: Color reaction with antimony III B: Thin-Layer chromatography	Qualified
Appearance	Light yellow free-flowing powder	Qualified
Assay	$\geq 325,000$ IU/g	355.000IU/g
Loss on Drying	$\leq 5.0\%$	3.0%
Absorbance ratio	≥ 0.85	Qualified
Solubility	Dispersible in cool water forming a milky emulsion	Qualified
Sieve Analysis	100% Through Sieve No.40 (US)	100%
	$\geq 90\%$ Through Sieve No.60 (US)	98.5%
	$\geq 45\%$ Through Sieve No.100 (US)	82.0%
*Heavy Metal	≤ 10 mg/kg	<10mg/kg
*Arsenic	≤ 1.0 mg/kg	<1.0mg/kg
*Pb	≤ 0.5 mg/kg	<0.5mg/kg
*Cd	≤ 0.5 mg/kg	<0.5mg/kg
Microbiological Spec.		
Total Plate Count	≤ 1000 CFU/g	<10CFU/g
Mould & Yeast	≤ 100 CFU/g	<10CFU/g
Coliforms	<0.3MPN/g	<0.3MPN/g
Salmonella	Negative (In 25g)	Negative

*-Test once every six months.

Conclusion:Conform to the standard USP-NF 2022.

Reporter:寿飞飞

Reviewer:高彦好

Approver:
QC Manager: Yiming Zhang

