



XINCHANG NHU VITAMINS COMPANY LTD.

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Certificate of Analysis

Date:Oct.30,2023

Product Name	:	Vitamin A Acetate 325 SD CWS/S
Brand	:	NHU™ / COVITAS™
Product Code	:	SP01-07
Batch No.	:	022310B010
Total Quantity	:	2,250KGS
Manufacture Date	:	Oct.23,2023
Certificate Date	:	Oct.29,2023
Expiry Date	:	Oct.22,2025

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	≥ 325,000 IU/g	361,000IU/g
Loss on Drying	≤ 5.0%	3.2%
Absorbance ratio	≥ 0.85	Qualified
Solubility	Dispersible in cool water forming a milky emulsion	Qualified
Sieve Analysis	100% Through Sieve No.40 (US)	100%
	≥ 90% Through Sieve No.60 (US)	98.0%
	≥ 45% Through Sieve No.100 (US)	82.2%
*Heavy Metal	≤ 10mg/kg	< 10mg/kg
*Arsenic	≤ 1.0mg/kg	< 1.0mg/kg
*Pb	≤ 0.5mg/kg	< 0.5mg/kg
*Cd	≤ 0.5mg/kg	< 0.5mg/kg
Microbiological Spec.		
Total Plate Count	≤ 1000CFU/g	< 10CFU/g
Mould & Yeast	≤ 100CFU/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: 高宇杨

Approver: 李益明
QC Manager: Yiming Zhang

