



XINCHANG NHU VITAMINS COMPANY LTD.

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Http://www.cnhu.com

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.22,2026

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	361,000IU/g
Loss on Drying	$\leq 5.0\%$	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%
	$\geq 90\%$ Through Sieve No.60 (US)	98.0%
	$\geq 45\%$ Through Sieve No.100 (US)	82.2%
*Heavy Metal	$\leq 10\text{mg/kg}$	$< 10\text{mg/kg}$
*Arsenic	$\leq 1.0\text{mg/kg}$	$< 1.0\text{mg/kg}$
*Pb	$\leq 0.5\text{mg/kg}$	$< 0.5\text{mg/kg}$
*Cd	$\leq 0.5\text{mg/kg}$	$< 0.5\text{mg/kg}$
Microbiological Spec.		
Total Plate Count	$\leq 1000\text{CFU/g}$	$< 10\text{CFU/g}$
Mould & Yeast	$\leq 100\text{CFU/g}$	$< 10\text{CFU/g}$
Coliforms	$< 0.3\text{MPN/g}$	$< 0.3\text{MPN/g}$
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: 章益明
QC Manager: Yiming Zhang

