



XINCHANG NHU VITAMINS COMPANY LTD.

No.8 Binjiang South Road, Yulin Street, Xinchang County, Zhejiang Province, China
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Certificate of Analysis

Date: Aug.05,2024

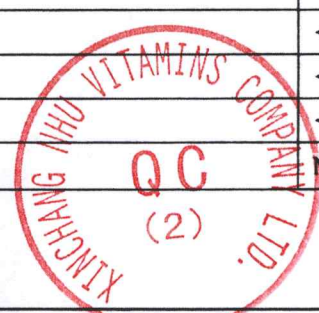
Product Name	:	Vitamin D ₃ 100 CWS/A
Brand	:	NHU™ / COVITAS™
Product Code	:	SP03-04
Batch No.	:	022407C006
Total Quantity	:	800KGS
Manufacture Date	:	Jul.02,2024
Certificate Date	:	Jul.09,2024
Expiration Date	:	Jul.01,2026

Results of Analysis

Items	Standards	Results
Appearance	White to yellowish-white free-flowing microcapsule	Qualified
Identification	A. Infrared absorption B. Ultraviolet-Visible spectroscopy. C. The retention time of the major peak of the Sample solution corresponds to that of the Standard solution, as obtained in the Assay.	Qualified
Assay	≥100,000 IU/g	109,000 IU/g
Loss on Drying	≤5.0%	3.6%
Solubility	Dispersible in cool water forming a milky emulsion	Qualified
Sieve Analysis	100% Through Sieve No.20 (US)	100%
	≥90% Through Sieve No.40 (US)	96.4%
	≤15% Through Sieve No.100 (US)	1.4%
*Heavy Metal	≤10mg/kg	< 10mg/kg
*Arsenic	≤1.0mg/kg	< 1.0mg/kg
*Pb	≤0.5mg/kg	0.1mg/kg
*Cd	≤0.5mg/kg	Negative
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:

Approver: 魏伟奇

QC Manager: Weiqi Wei