



# ZHEJIANG NHU COMPANY LTD.

No.428 Xinchang Dadao West Road, Qixing Street, Xinchang County, Zhejiang Province, China  
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## Certificate of Analysis

Date: Oct.12,2023

Product Name	Vitamin E Acetate 98%
Brand	NHU™ / COVITAS™
Product Number	YYEJ02
Batch NO.	01230701EJ
Quantity	1000 kg
Manufacture Date	Jul.03,2023
Certificate Date	Jul.06,2023
Expiry Date	Jul.02,2026

### Results of Analysis:

Test Items	Standards	Results
Appearance	Clear, colourless to slightly yellow or greenish-yellow, viscous, oily liquid	Conform
Solubility	Practically insoluble in water, freely soluble in acetone, in ethanol and vegetable oils	Conform
Assay	≥98.0%	98.8%
Identification A、B、C	Correspond	Conform
Related substances (GC)	Impurity A : ≤0.5%	0.15%
	Impurity B : ≤1.5%	0.74%
	Impurity C(tocopherol) : ≤0.5%	0.20%
	Sum of impurity D and E : ≤1.0%	N.D.
	Any other impurity, for each impurity: ≤0.25%	Max:0.05%
	Total impurities: ≤2.5%	1.2%
Optical rotation	-0.01° to +0.01°	+0.001°
Acidity	NMT 1.0 mL of 0.10 N sodium hydroxide.	0.062ml
Sulphated ash*	≤0.10%	<0.10%
Heavy Metals*	≤10mg/kg	<10 mg/kg
Lead*	≤0.5mg/kg	<0.5 mg/kg
Arsenic*	≤1mg/kg	<1 mg/kg
Residual solvents*	Meet the requirement	Conform

\* Test once every six months

Conclusion: Actual Tested Result Comply With EP11/USP2022/BP2023 Standard

Reporter: 李强 2023.10.12

Approver: 金爱华 2023.10.12

QC Manager: Yiming Zhang



浙江新和成股份有限公司

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## STATEMENT

To Whom It May Concern:

We, Zhejiang NHU Company Ltd., herewith certify that the residual solvents in our product Vitamin E Acetate 98% are in compliance with USP 467/ICH-Q3D as follows:

Name	ICH Classification	Max. Concentration/ppm
Toluene	Class 2	890
Diethyl carbonate	Not regulated	580

浙江新和成股份有限公司  
ZHEJIANG NHU COMPANY LTD.

Zhejiang NHU Company Ltd.

Date: October 16, 2023

胡相藩