

Version: 4.00.0001 Date: 08.03.2024

SPECIFICATION

	Product name Product code Production unit		Vitamin E 50 % DC Food Grade (EP/USP) SP05-06 Xinchang NHU Vitamins
	Description		
	Ingredients		Vitamin E Acetate 50 % DC consists of dl-alpha tocopheryl acetate (Ph. Eur./USP/FCC), gelatine, maltodextrin, glucose, gum Arabic, silicon dioxide as anti-caking agent
	Synonym		dl-alpha-tocopheryl acetate, ALL-RAC-alpha-tocopheryl- acetate
	Formula		C ₃₁ H ₅₂ O ₃
	Molecular weight		472,8 g/mol
	CAS No		7695-91-2
	Properties		
	Shelf life		24 months after production date in unopened original packaging
	Aspect		white or light yellow free-flowing powder
	Assay (UV)		≥ 50 % Tocopheryl acetate
	Loss on drying		≤ 4,0 %
	Solubility		Dispersible in warm water (35 – 40 °C) forming a milky emulsion
	Sieve analysis		≥ 90 % through sieve no. 40 (US) ≤ 65 % through sieve no. 120 (US)
	Identification	EP:	First identification: B
			Second identification: A
			A. Thin-layer chromatography
			B. Examine the chromatograms obtained in the assay
		USP:	 A. A bright red or orange colour develops B. Optical rotation: for the preparation labelled to contain all-rac-forms: -0,01 ° to +0,01 ° C. The retention time of the major peak of the sample solution corresponds to that of the standard solution, as obtained in the Assay

Bank account EUR Deutsche Bank AG DE 53 2407 0075 0019 5222 00 DEUTDE2H240 Bank account USD Deutsche Bank AG DE 53 2407 0075 0019 5222 0005 DEUTDE2H240 NHU EUROPE GMBH

VAT Nr: DE 300 149 623 | Company license Nr: HRB 205610 District Court: Lüneburg/Germany General Manager: Thomas Hoops



www.nhu-eu.com info@nhu-eu.com +49 (0)4131 580-88-00 Daimlerstraße 14 - 16 | 21357 Bardowick

> Version: 4.00.0001 Date: 08.03.2024

Heavy metals	Max. 10 mg/kg			
Arsenic (As)	Max. 1 mg/kg			
Lead (Pb)	Max. 0,5 mg/kg			
Microbiological specs				
Total plate count	≤ 1000 CFU/g			
Mould and Yeast	≤ 100 CFU/g			
Coliforms	≤ 0,3 MPN/g			
Salmonella	Negative in 25 g			

Handling Usage

be applied to direct compression and hard-shell capsules

Storage recommendation

In Original unopened containers at a temperature below 25 °C, once opened, use content quickly. Store in a cool, dry place

NHU EUROPE GmbH

NHU EUROPE GMBH VAT Nr: DE 300 149 623 | Company license Nr: HRB 205610 District Court: Lüneburg/Germany

General Manager: Thomas Hoops

Bank account USD Deutsche Bank AG DE 53 2407 0075 0019 5222 0005 DEUTDE2H240

Bank account EUR Deutsche Bank AG DE 53 2407 0075 0019 5222 00 DEUTDE2H240