



Description:	Natural Vitamin E powder extract from vegetable oil
Chemical name:	D-Alpha-Tocopheryl Acetate
Chemical formula:	C ₃₁ H ₅₂ O ₃
Molecular weight:	473
CAS number:	58-95-7
GENERAL CHARACTERISTIC:	
Appearance:	Off white, clear amber to beige powder
Taste and odour:	Characteristic
Solubility:	Insoluble in water and in common solvent
Bulk density:	0.35-0.60 g/cm ³
Particle size:	≥ 250-400 µm
Acidity:	≤ 0.5 ml
TYPICAL NUTRITIONAL ANALYSIS:	
Vitamin E (as D-alpha-Tocopheryl Acetate):	Not less than 367.7 mg/g
Potency	Not less than 500 UI/g
Moisture content:	Not more than 5.0%
Proteins content:	0%
Carbohydrates content:	0%
Total Fat content:	0.35%
Saturated:	0.05%
Monounsaturated:	0.05%
Polyunsaturated:	0.25%
Trans Fat:	<0.1%
Dietary fibre content:	0%
Ash content:	0%
Sodium content:	0.3 mg/100g
Potassium content:	<0.3%
Calcium content:	0%
PURITY TEST:	
<i>Heavy metals:</i>	Not more than 10 ppm
Lead:	Not more than 0.1 ppm
Arsenic:	Not more than 1.0 ppm
Cadmium:	Not more than 1.0 ppm
Mercury:	Not more than 0.1 ppm
Pesticide residues:	According to Reg. EC 396/2005 and next amendments
Benzo(a)pyrene:	Not more than 2 ppb
PAH4:	Not more than 10 ppb
Dioxins:	
- sum of dioxins (WHO-PCDD/F-TEQ)	Not more than 0.75 pg/g
- sum of dioxins and dioxin-like PCBs (WHO-PCDD/F-TEQ)	Not more than 1.25 pg/g
- sum of PCB28, PCB52, PCB101, PCB138, PCB153 and PCB180 (ICES-6)	Not more than 40 µg/g
Foreign matter:	Nil
MICROBIOLOGICAL EVALUATION:	
Total plate Count:	Less than 1,000 CFU/g
Mold & Yeast:	Less than 100 CFU/g
E. Coli:	Less than 10 CFU/g
Staphylococcus aureus:	Less than 10 CFU/g
Coliforms:	Less than 10 CFU/g
Salmonella:	Absent/25 g

TECHNICAL DATA SHEET This Technical Data Sheet replaces any previous version.
This document is to be intended as a description of the product and thereof it is indicative. Specific values of the product are on the Certificate of Analysis of each batch.
Document written in electronic format. valid without signature



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Cod. prodotto: 01.2000029
Cod.: ST n° IF182E - Rev. 02
Data: 13/01/2020
Sigla: SG

OTHER INFORMATION:	
Stability:	Room temperature stable. Vitamin E is unstable to alkali and acid conditions.
Storage:	Store in cool dry place, in tightly closed containers protect from heat, light, alkali, moisture.
Carrier:	Silicon dioxide
Application:	Can be mixed with other nutrients in a formulation
	Suitable for tablets, capsules and powder mix.
REGULATION STATUS:	
GMO:	Non GMO
Irradiation:	Not irradiated
Allergen:	Allergen free
BSE-TSE:	Not containing animal ingredients and derivatives

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