



PHYTOS

Phytos Natur CZ. s.r.o.

TECHNICAL DATA SCHEET (TDS)

Product Name	VITAMÍN E OLEJ
CAS #	59-02-9 and 8001-21-6
INCI Name	Tocopherol

Extraction Method	This product has predominantly the single constituent D-alpha-Tocopherol in a base of Helianthus annuus (Sunflower) seed oil
Quality	100 % Pure and Natural

PROPERTIES	SPECIFICATIONS
Appearance	Clear to pale yellow, slightly viscous liquid
Odor	Characteristic
Refractive Index	1.470 - 1.510 @ 20 °C
Specific Gravity (g/mL)	0.935 - 0.975 @ 20 °C
D-alpha-Tocopherol Content	≈ 67%
Moisture (%)	Maximum 0.1
Acid Value (mgKOH/g)	Less than 2.0
Solubility	Soluble in cosmetic esters and fixed oils; Insoluble in water

MICROBIAL ANALYSIS	SPECIFICATIONS	STANDARDS
Aerobic Mesophilic Bacterial Count	< 100 CFU/g	ISO 21149
Yeast and Mold	< 10 CFU/g	ISO 16212
Candida albicans	ABSENT / 1g	ISO 18416
Escherichia coli	ABSENT / 1g	ISO 21150
Pseudomonas aeruginosa	ABSENT / 1g	ISO 22717
Staphylococcus aureus	ABSENT / 1g	ISO 22718

HEAVY METAL TESTS	SPECIFICATIONS	STANDARDS
Lead: Pb (mg/kg or ppm)	< 10 ppm	na
Arsenic: As (mg/kg or ppm)	< 2 ppm	na
Mercury: Hg (mg/kg or ppm)	< 1 ppm	na

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 36 months, quality should be checked before use.

As it is electronically generated document, hence no signature required.