

CERTIFICATE OF ANALYSIS

Product Name	Vitamin E - TPGS
Product Code	AL00368
INCI Name	D-Alpha Tocopheryl Polyethylene Glycol 1000 Succinate
CAS Number	9002-96-4
Lot Number	20250925
Manufacture Date	09/2025
Re-test Date	09/2027

Items	Standard	Results	Methods
Description	White to light yellow waxy solid; Odorless	Conforms	Visual
Identification	Meets the requirements	Conforms	GC
(D-α-tocopherol)	$\geq 26.0\%$	27.6%	GC
Solubility in water	20% Min (Clear solution within 3h)	Conforms	USP Method
Acidity	≤ 0.27 mL	0.19 mL	USP Method
Specific Rotation	$\geq +24.0$	+28.4	USP <781S>
Heavy metals	≤ 10 ppm	< 10	USP <231>
Cadmium	≤ 0.3 ppm	< 0.005	ICP-MS
Arsenic	≤ 0.2 ppm	< 0.01	ICP-MS
Lead	≤ 0.5 ppm	< 0.02	ICP-MS
Mercury	≤ 0.1 ppm	< 0.005	AAS
Residual solvents	Ethyl acetate ≤ 50 ppm Ethanol ≤ 200 ppm	2 ppm 46 ppm	USP <467>
Total Plate Count	≤ 1000 CFU/g	< 10	USP <61>
Yeast & Mold	≤ 100 CFU/g	< 10	USP <61>
Salmonella	Negative	Negative	USP <61>
E. coli	Negative	Negative	USP <61>

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight.
 When stored for a period longer than the one specified above, quality should be checked before use.

As it is electronically generated document, hence no signature required

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