

CERTIFICATE OF ANALYSIS

Product Name	Vitamin E (dl-alpha tocopheryl acetate)
Product Code	AL00041
INCI Name	Tocopheryl Acetate
CAS Number	7695-91-2
Lot Number	20240210
Manufacture Date	02/2024
Re-test Date	02/2027

Parameter	Specification	Result
Appearance	Clear, colourless slightly greenish-yellow, Viscous, Oily liquid, USP	CONFORM
Identification A, B, C	Conform	CONFORM
Optical rotation	-0.01° to +0.01°	0.00°
Acidity	≤ 1.0ml	0.07ml
Assay by GC	≥ 96.5% - 102.0%	99.0 %
Related substances (GC)	Impurity A: ≤ 0.5% Impurity B: ≤ 1.5% Impurity C: ≤ 0.5% Impurity D and E: ≤ 1.0% Any other impurity: ≤ 0.25% Total impurity: ≤ 2.5%	<0.10% 0.71% 0.13% <0.10% <0.10% 0.84%
Heavy metals		
Pb	≤ 2mg/kg	0.5 mg/kg
Arsenic	≤ 1mg/kg	<1mg/kg
Copper	≤ 25mg/kg	<2mg/kg
Zinc	≤ 25mg/kg	<2mg/kg
Palladium	≤ 5ppm	1ppm
Residual solvents	Meet the USP and EP requirements	CONFORM

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

Disclaimer: The details provided here are specific to the identified material and may not remain accurate if that material is combined with other substances or used in different processes. The information presented is, to the best of the company's knowledge, considered precise and trustworthy as of the date mentioned. However, the company does not make any explicit or implied assurance, guarantee, or claim regarding the information's precision, trustworthiness, or comprehensiveness, and will not be held accountable for any losses, damages, or costs, whether direct or indirect, that arise from its use. Users are encouraged to independently verify the appropriateness and thoroughness of this information for their specific purposes.