

ASES CHEMICAL WORKS

Brahm Bagh, Jalori Gate Jodhpur - 342001 Rajasthan-India

Ph: +91-9636889954

Email : ecom@ases.in Website : www.ases.in



CERTIFICATE OF ANALYSIS

1. Name of the Product	:	Vitamin E-acetate
2. INCI Name	:	DL-alpha-Tocopheryl acetate
3. CAS Number	:	7695-91-2
4. Molecular Formula	:	C ₃₁ H ₅₂ O ₃
5. Molecular Weight	:	472.75
6. Batch Number & Mfg. Date	:	As mentioned on Label
7. Date Of Exp	:	3 Years from Mfg Date.
8. Date of Analysis	:	July-2024

Property	Specification	Result
Physical Description	Light-yellow viscous oil, nearly odourless	Conforms
Assay	98.0 - 102.0 %	99.1%
Specific Optical Rotation	-0.01 - +0.01 °	Conforms
Identification	IR, TLC	Conforms
Acidity	Conforms to USP, FCC	Conforms
Related Substances (EP)	Impurity A: ≤0.5%	Conforms
	Impurity B: ≤1.5%	Conforms
	Impurity C: ≤0.5%	Conforms
	Impurity D+E: ≤1.0%	Conforms
	Any Other individual Impurity: 0.25%	Conforms
	Total Impurities: 2.5%	Conforms
Lead (Pb)	≤2ppm	Conforms
Arsenic (As)	≤1ppm	Conforms
Heavy Metals	≤10ppm	Conforms
Residue on Ignition	≤0.1%	0.04%
Free Tocopherol	≤0.5%	0.4%
Pharmacopoeia Specification(s)	EP, USP, FCC	Conforms to EP8, USP36, FCC