

Vitamin E

Fat-soluble vitamin – liquid and dry powder

Product Description

Vitamin E (d-alpha Tocopheryl Acetate) is available as liquid and dry powder/granule forms for nutraceutical and pharmaceutical use. Available to BP/USP standards.

Certificate of Analysis

HSN Code: 2936.28

CAS Number: 58-95-7

Classification: Pharmaceutical

Parameter	Specification	Test Method
Appearance	Clear yellow to greenish-yellow oily liquid (liquid) or white powder (dry form)	Visual
Assay	97.0–103.0% (liquid) / Equivalent potency (dry)	HPLC
Identification	Conforms to reference standard	IR
Refractive Index (liquid)	1.494–1.499	USP <831>
Acid Value	"d 1 . 0 m g K O H / g	AOCS Cd 3d-63
Heavy Metals	"d 2 0 p p m	USP <231>
Residue on Ignition	"d 0 . 1 %	USP <281>

Physical Properties

Appearance: Clear yellow to greenish-yellow oily liquid (liquid form)

Molecular Formula: $C_{27}H_{46}O_2$

Molecular Weight: 472.74 g/mol

Solubility: Practically insoluble in water; freely soluble in ethanol and vegetable oils

Melting Point: -27.5°C (liquid); Dry form: 35–45°C

Packing: 25 kg HDPE drums; 200 kg HDPE drums; 1 kg bottles for lab use

Storage: Store in a cool, dry, well-ventilated area away from light. Below 25°C. Protect from oxidation.

Safety & Handling

PPE: Gloves, safety goggles, lab coat

Hazards:

- Combustible liquid (flash point ~221°C)
- Mild oxidation risk