

Vitamin E (dl-alpha tocopheryl acetate)

Specification Sheet

Description: Water-insoluble vitamin E formed by esterification of acetic acid & tocopherol. Purity >98%. pH 6-8. Activity: 1000 IU per 1 g solution (about 1 ml). Clear viscous yellow liquid, faint odor. Soluble in alcohol & oil, water insoluble.

CAS: 7695-91-2

INCI Name: Tocopheryl acetate

Benefits:

- Provides excellent antioxidant activity on the skin but less so in cosmetic products since enzymes need first to cleave off acetate to form active vitamin E
- Has moisturizing, soothing, and calming properties on the skin
- Can improve the appearance of aged skin making it look visibly younger

Use: Add to oil phase or final phase after emulsification. Typical use level 1-10%. For external use only.

Applications: All kinds of skin care products including sun care & makeup products.

Country of Origin: USA

Raw material source: Trimethylhydroquinone and isophytol

Manufacture: DL-alpha tocopheryl acetate is produced synthetically by the condensation of 2,3,5-trimethylhydroquinone with isophytol in an inert solvent (e.g. benzene or hexane) with a catalyst such as zinc chloride. The resulting alpha tocopherol is then treated with acetic anhydride to give tocopheryl acetate.

Animal Testing: Not animal tested

GMO: GMO free (does not contain plant-derived components)

Vegan: Does not contain animal-derived components