

Microencapsulated Vitamin E (D-Alpha Tocopheryl Succinate)

Cat. No. MVEG-001

Lot. No. (See product label)

Introduction

Description	Microencapsulated Vitamin E (D-Alpha Tocopheryl Succinate) is supplied as a white to off-white granular or powdered material with a characteristic odor and taste.
Synonyms	D-alpha-tocopheryl succinate; D-alpha-tocopheryl acid succinate; Vitamin E succinate

Product Information

Appearance	White to off-white granular or powder
Form	Microencapsulated granular or powder
CAS No.	4345-03-3 (D-alpha tocopheryl succinate)
Molecular Formula	C33H54O5 (D-alpha tocopheryl succinate)
Chemical Name	D-alpha-Tocopheryl acid succinate
Molecular Weight	530.8 g/mol (D-alpha tocopheryl succinate)
Contaminants	Benzo(a)pyrene: ≤2 ppb Hexane: ≤290 ppm Ethanol: ≤5000 ppm Lead: ≤1 mg/kg Arsenic: ≤1 mg/kg Cadmium: ≤1 mg/kg Mercury: ≤0.1 mg/kg
Composition	Active component: D-alpha tocopheryl succinate
Quality	Odor: Characteristic Taste: Characteristic Color reaction: Positive Specific rotation $[\alpha]_D^{25} \geq +24^\circ$ Retention time: The major peak in the test solution matches the reference standard preparation Acidity: 18.0-19.3 mL Assay: 96.0%-102.0%; ≥1162 IU Particle size: Residue on 20 mesh ≤1% Bulk density: 0.45-0.60 g/cm ³ Aerobic plate count: ≤1000 CFU/g Yeast and molds: ≤100 CFU/g Escherichia coli: Negative/g Salmonella: Negative/25 g Staphylococcus aureus: Negative/10 g
Notes	CAS number, molecular formula, molecular weight, chemical name, and synonyms refer to the D-alpha tocopheryl succinate active component; the finished product is a microencapsulated solid preparation.

Storage and Shipping Information

Storage	Keep sealed, protected from light, dry, and stored in a cool place.
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