

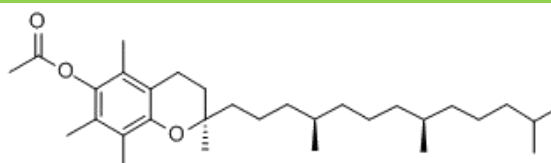
TECHNICAL DATA SHEET

Tocobest™ D-α-Tocopheryl Acetate Powder

700IU ON

Chemical Properties

CAS No.: 58-95-7
EINECS No.: 200-405-4
Chemical Formula: C₃₁H₅₂O₃
Molecular Weight: 472.75



Description

D-α-Tocopheryl Acetate Powder 700 form is an ester, which has a much greater stability than unesterified tocopherols. It is manufactured with spray drying adopting the advanced microencapsulation technology. The individual particles containing d-α-tocopheryl acetate are finely dispersed in carbohydrates. One of the principle differences between the dry and oil forms of this vitamin is that the former has no immediate antioxidant properties.

Solubility

It is dispersible in cold water.

Specification

Item	Specification	Test Method
Appearance	White to off-white granular or powder, almost odorless.	Visual
Identification		
Coloration reaction	Positive	USP
Specific rotation	Min +24°	USP<781>
Retention time	The retention time of the principal peak conforms to which in the reference solution	USP<621>
Assay(D-alpha Tocopheryl Acetate)	Min 51.5% Min 700 IU/g	USP<621>
Acidity	Max 0.5ml	USP
Loss on drying	Max 5%	USP<731>
Heavy metals (as Pb)	Max 10 ppm	USP<231>
Arsenic	Max 3 ppm	USP<211>
Total Plate Count	Max 1000cfu/g	USP<2021>
Yeast and Molds	Max 100cfu/g	USP<2021>
Enterobacteria	Max 10cfu/g	USP<2021>

<i>Salmonella</i>	Negative/25g	USP<2022>
<i>Escherichia Coli</i>	Negative/10g	USP<2022>
<i>Staphylococcus Aureus</i>	Negative/10g	USP<2022>
<i>Pseudomonas aeruginosa</i>	Negative/10g	USP<2022>

Ingredients

α -alpha-tocopheryl acetate 51.5%, Starch sodium octenyl succinate 47.5% and Silicon dioxide 1.0%. (O is short for starch sodium octenyl succinate, N is short for silicon dioxide)

Labeling

In the United States and the European Union: Tocobest™ Vitamin E Powder
D-alpha-Tocopheryl Acetate Powder 700IU

Applications

Used in dietary supplement, or low content tablets and hard-shell capsules.

Safety

This product is safe for the intended use. Avoid ingestion, inhalation of dust or direct contact by applying suitable protective measures and personal hygiene. See Material Safety Data Sheet for full safety information.

Handling recommendations

Keep container in a cool, well-ventilated area. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/vapor/spray. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.

Packaging, Storage & Shelf Life

Package	25kg/drum; or according to customers' requirements.
Storage	Keep container tightly closed. Keep container in a cool, well-ventilated area.
Shelf Life	The product may be stored for 24 months if sealed and stored properly.