

SPECIFICATION SHEET

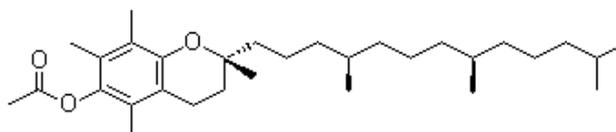
Tocobest™

D-alpha Tocopheryl Acetate Powder 700IU

CAS: 58-95-7

Chemical Formula: C₃₁H₅₂O₃

Molecular Weight: 472.75



GENERAL CHARACTERISTICS

Description	Vitamin E acetate, also called tocopherol acetate, is a dry form of vitamin E that is commonly referred to as tocopherols. The acetate form is an ester, which has a much greater stability than unesterified tocopherols. One of the principle differences between the dry and oil forms of this vitamin is that the former has no immediate antioxidant properties. An antioxidant is a substance present in many all natural foods that are rich in nutrients. They help to retard the aging of cells and play a vital role in protection against free radicals.
Appearance	Free-flowing powder
Color	Milk-white

ANALYTICAL CHARACTERISTICS

Identification (GC)	The retention time of the main peak obtained with test solution is similar to that of the reference solution
Assay	Min 51.5% (Min 700 IU/g)
Specific rotation	Min +24°
Acidity	Max 0.5ml
Loss on drying	Max 5%
Heavy metals (as Pb)	Max 10 ppm

MICROBIAL CHARACTERISTICS

Total plate count	Max 1000 CFU/g
Yeast & mold	Max 25 CFU/g
Coliforms	Max 40 MPN/100g
Salmonella	Negative



Staphylococcus

Negative

INGREDIENTS

D-alpha-tocopheryl acetate 51.5% min, with SiO₂ 48.5% max as carrier

LABELING

In the United States and the European Union: Tocobest™ Vitamin E Powder

D-alpha Tocopheryl Acetate Powder 700IU

USES RECOMMENDATIONS

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

HANDLING RECOMMENDATIONS

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.

Keep container tightly closed. Keep container in a cool, well-ventilated area.

PACKING & SHELF LIFE

Package 25kg/drum.

Shelf life 2 years if sealed and stored properly.