

TECHNICAL DATA SHEET

Tocobest™ DL-α-Tocopherol Acetate Powder

15% UAN

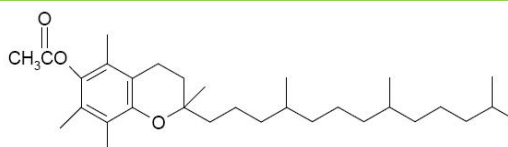
Chemical Properties

CAS No.: 7695-91-2

EINECS No.: 231-710-0

Chemical Formula: C₃₁H₅₂O₃

Molecular Weight: 472.75



Description

DL-α-Tocopheryl Acetate Powder 15% UAN is an almost white to light yellow free-flowing powder. The individual particles containing dl-α-tocopheryl acetate are finely dispersed in the matrix of arabic gum and sucrose.

Solubility

It is insoluble in water.

Specification

Item	Specification	Test Method
Appearance	Almost white to light yellow free-flowing powder	Visual
Assay	Min 15.0%	USP<621>;EP2.2.28
Identification		
Coloration reaction	Positive	USP
Optical rotation	To conform	USP<781>
GC	The retention time of the major peak corresponds to that of the reference solution.	USP<621>;EP2.2.28
TLC	The position and size of the incipal spot corresponds to that of the reference solution.	EP2.2.27
Loss on drying	Max 5.0%	USP<731>;EP2.2.32
Heavy metals(as Pb)	Max 10ppm	USP<231>;EP2.4.8
Arsenic	Max 3ppm	USP<211>;EP2.4.2
Total plate count	Max 1000 CFU/g	USP<2021>;EP2.6.12
Total yeast & mold	Max 100 CFU/g	USP<2021>;EP2.6.12
Enterobacteria	Max 10 CFU/g	USP<2021>;EP2.6.13
<i>Salmonella</i>	Negative/25g	USP<2022>;EP2.6.13
<i>Staphylococcus aureus</i>	Negative/10g	USP<2022>;EP2.6.13

Escherichia coli Negative/10g

USP<2022>;EP2.6.13

Pseudomonas aeruginosa Negative/10g

USP<2022>;EP2.6.13

Ingredients

Pure DL-alpha-Tocopheryl Acetate 15.0%, Sucrose 54.0%, Arabic Gum 30.0%, and Silicon Dioxide 1.0%. (U is short for sucrose, A is short for arabic gum and N is short for silicon dioxide)

Labeling

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

DL-alpha-Tocopheryl Acetate 15% UAN

Applications

Vitamin E is a strong antioxidant, helps prolong the life of red blood cells and plays an essential role in cellular respiration. It protects biological membranes including those found in the cardiovascular system, nerves and muscles. Vitamin E helps the body effectively use and store vitamin A and protects B-complex and vitamin C from oxidation reactions. It is a vasodilator and plays an important role in intermittent claudication, thrombotic disease, immune function, protection of lipoproteins from oxidation, cardiovascular disease prevention, cancer prevention, and helps protect against environmental pollutants and cigarette smoke.

For fortification of dry food products such as flour, milk powder and beverage powder.

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

In contrast to vitamin E alcohol, vitamin E acetate is very stable to heat and oxygen. It is unstable to alkalis (hydrolysis) and oxidants. It is unstable to alkalis (hydrolysis) and oxidants. Avoid ingestion, inhalation of dust or direct contact by applying suitable protective measures and personal hygiene.

Packaging, Storage & Shelf Life

Package 25kg/carton; or according to customers' requirements.

Storage It should be protected from light, heat, oxygen and moisture. Keep the container tightly closed.

Shelf Life The product may be stored for 2 years from the date of manufacture in the unopened original container and at room temperature.