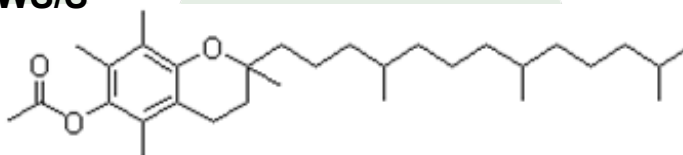


## Vitamin E Acetate 50% CWS/S

Code: SP05-02  
Mol. Formula: C<sub>31</sub>H<sub>52</sub>O<sub>3</sub>  
Molecular weight: 472.8  
CAS #: 7695-91-2



### Specifications

#### Description

Vitamin E Acetate 50% CWS/S consists of dl- $\alpha$ -tocopheryl acetate, modified starch, silicon dioxide as an anti-caking agent.

#### Appearance

White or off-white free-flowing powder

#### Identification

EP: First identification: B

Second identification: A

A. Thin-layer chromatography

B. Examine the chromatograms obtained in the assay.

USP: A. A bright red or orange color develops.

B. Optical rotation The dl-forms show essentially no optical rotation.

C. The retention time of the major peak of the Sample solution corresponds that of the Standard solution, as obtained in the Assay.

#### Assay

$\geq 50\%$

#### Loss on drying

$\leq 3.0\%$

#### Solubility

Dispersible in cool water forming a milky emulsion

#### Sieve Analysis

100% Through Sieve No.40 (US)

$\geq 90\%$  Through Sieve No.60 (US)

$\geq 45\%$  Through Sieve No.100 (US)

#### Heavy Metal

$\leq 10\text{mg/kg}$

#### Arsenic

$\leq 1.0\text{mg/kg}$

#### Pb

$\leq 0.5\text{mg/kg}$

#### Microbiological Spec.

##### Total Plate count

$\leq 1000\text{CFU/g}$

##### Mould & Yeast

$\leq 100\text{CFU/g}$

##### Coliforms

$< 0.3\text{MPN/g}$

##### Salmonella

Negative(In 25g)

### Monographs

The product complies with the current " $\alpha$ -tocopheryl acetate concentrate (powder form)" Ph.Eur. and "Vitamin E preparation" USP monographs.

### Shelflife

24 months after production date.

### Storage recommendation

The product is very stable. It should be store in the original unopened containers at a temperature below 25°C. Once opened, use contents quickly. Store in a cool, dry place.

### Packaging

20kg paper barrel, 20kg paper carton, 25kg paper carton or according to demand.

### Uses

Used for fortification of food, beverage, health products, etc.

1IU= 1USPU=1mg vitamin E Acetate