Product specification

Vitamin E-Acetate Care

Characteristic values

The specifications stated in the paragraphs 'Quality control data' and 'Additional product descriptive data' finally and conclusively describe the properties of the product.

Physical form: Light yellow, viscous oil with practically no odor

Quality control data

(Data which is used for quality release and is certified for each batch.)

Test property	Specification
Appearance	yellowish viscous oil
Identity	must conform
Tocopheryl acetate (GC)	96.5 - 102.0 g/100g
Tocopheryl acetate (GC)	96.0 - 102.0 g/100g
Tocopheryl acetate (GC)	960 - 1020 IU/g
Impurity A	max. 0.5 Area-%
Impurity B	max. 1.5 Area-%
Impurity C	max. 0.5 Area-%
Sum Impurity D and E	max. 1.0 Area-%
any other Impurity	max. 0.25 Area-% each
Sum Impurities	max. 2.5 Area-%
Optical rotation	-0.01° - +0.01°
Acidity	must conform
* Residual solvent (Methanol - class 2)	max. 3000 mg/kg
* Residual solvent (Heptane - class 3)	max. 0.5 g/100g

Specific methods used for batch release see Certificate of Analysis. Only the data displayed in this document shall constitute the agreed contractual quality of the product. Chemical-physical characteristics reported in other product related documents (e.g. MSDS, Marketing brochures etc.) are not intended to define the quality of the product. Conversely, Product Specification does not address product communication, human and/or environmental safety or socio-economical characteristics.

Notes:
(*) Test verified on random samples

Storage information

Storage temperature
Room temperature

Storage conditions
In original sealed containers and protected from moisture

Additional information
Vitamin E Acetate is stable towards heat and oxygen, in contrast to Vitamin E alcohol (Tocopherol).
It is not resitant towards alkalis, as it undergoes saponification, or to strong oxydizing agents.

Miscellaneous
This product is primarily intended for use as ingredients in personal care applications and conform alone to the analytical specification of the respective pharmaceutical monograph (Ph. Eur. and/or USP).
This is not to be understood as conformance with pharmaceutical or food regulations management system requirements in excess of the analytical specification.

Intended for use as cosmetic ingredient