



Specification

Concerning Product:	
Article number	7695912V01
Trade name / designation / denomination	Vitamin E-Acetate 98% EP/USP EP/USP
CAS number	7695-91-2
Other names / synonyms	•3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-2H-benzopyran-6-yl acetate; •Tocopheryl acetate; •all- <i>rac</i> - α -tocopheryl acetate;
EC number	231-710-0 257-757-7
Customs tariff number / CN code / TARIC	29362800
Molecular weight [g / mol]	472,57
Formula	C ₃₁ H ₅₂ O ₃

Parameter	Specification	Unit
Organoleptic test		
Appearance	viscous, light-yellow oil	
Physical parameter		
Acidity/Alkalinity	Complies	
Activity index (acetic acid)	(¹) Vitamin E activity (calc.) 980 – 1020	IU/g
Specific Optical Rotation	-0,01 – 0,01	°
Identity		
Assay	All- <i>rac</i> - α -tocopheryl acetate (GC): 98,0 – 102,0	%
Identification	complies	
Impurities		
Heavy Metals (as Pb)	(²) ≤ 10	ppm
Related substances	Any other impurity $\leq 0,25$	% [w/w]
Related substances	Impurity A: $\leq 0,5$	% [w/w]
Related substances	Impurity B: $\leq 1,5$	% [w/w]
Related substances	Impurity C: $\leq 0,5$	% [w/w]
Related substances	Impurity D and E: $\leq 1,0$	% [w/w]
Related substances	Total impurities $\leq 2,5$	% [w/w]
Residual Solvents		
Heptane	(²) (Residual solvent class 3) $\leq 0,5$	g/100g
Elemental Impurities		
Arsenic (As)	(²) ≤ 1	ppm
Cadmium (Cd)	(²) $\leq 0,5$	ppm
Mercury (Hg)	(²) $\leq 0,1$	ppm
Lead (Pb)	(²) $\leq 0,5$	ppm
Zinc (Zn)	(²) ≤ 10	ppm
Organic volatile impurities		
Methanol	(²) (Residual solvent class 2) ≤ 3000	mg/kg

Annotation:

(¹) Biological activity and equivalence:

1 mg all-*rac*- α -tocopheryl acetate = 0.455 mg RRR- α -tocopherol = 1 IU Vitamin E - e.g., 980 mg/g all-*rac*- α -tocopheryl acetate is equal to 446 mg/g RRR- α -tocopherol and 1020 mg/g all-*rac*- α -tocopheryl acetate is equal to 464 mg/g RRR- α -tocopherol.

The calculated Vitamin E activity (in mg/g RRR- α -tocopherol) will be displayed on the CoA. (Please notice, in certain countries/regions the previous conversion factor may remain: 1 IU Vitamin E = 1 mg all-*rac*- α -tocopheryl acetate = 0.671 mg RRR- α -tocopherol)

(²) ensured by quality assurance measures and therefore tested randomly only (by supplier)

Regulatory information:

Allergens statement: According to Annex II of Regulation (EU) No 1169/2011 of the European Parliament and of the Council of 25th October 2011 and its amendment (EU) No 78/2014 on substances or products the above mentioned product does NOT cause allergies or intolerances and does NOT contain any allergens which have to be labelled according to these regulations.

BSE/TSE statement: Risk of BSE/TSE contamination can be excluded.

GMO statement: Genetic engineering:

For the above mentioned product there is no obligation of g.m.o. labelling as defined by the Regulations (EC) No **1829/2003** and **1830/2003** of the European Parliament and the Council of 22nd September 2003.

Irradiated Status: Product has not been treated with ionizing radiation

Nanoparticles: The product does not contain any raw materials, ingredients or additives in nanoparticle size as per definition of Regulation (EU) No 1169/2011 respectively Regulation (EU) No 2015/2283

Supplemental information:

Derivation: synthetic

Note: Traceability

According to Regulation (EC) No **178/2002** the traceability of the raw materials for the product is guaranteed one step backwards and of produced batches one step forward. All instructions, which are necessary to take these steps, are implemented in the Quality manual and management system according to IFS and BRC.

Microbiology: This product is not routinely tested for the presence of microorganisms. This product fails to support the growth of pathogenic bacteria or spoilage agents due to a lack of energy and other growth factors. The microbiological data may be variable due to transport and storage conditions. Analyses by a released external laboratory are possible on request.

Storage conditions: Protect from light and store cool and dry in well-closed original packaging. The temperature should not exceed 25 °C. Stored in the original unopened packaging under appropriate conditions the product is stable for at least 36 months from the date of production. The best before date is printed on the certificate of analysis.

Usage: The product contains no palm-based components

The product is suitable for a vegetarian nutrition. The product is suitable for a vegan nutrition. The product is suitable for lactose intolerance diet. The product is suitable for people with coeliac disease and sprue. The product is in compliance with Jewish dietary laws. The product is in compliance with Islamic dietary laws.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 30. Apr. 2026

LF-Basis: 2 (2024-11-07)

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