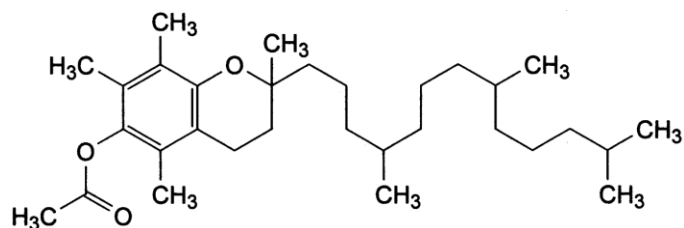


PRODUCT Tocopheryl Acetate Ph. Eur. (Racemic)

CAS number [7695-91-2]

SYNONYMS all-rac- α -Tocopheryl Acetate,
Vitamin E Acetate;



CHARACTERISTICS Clear, colourless or slightly greenish-yellow, viscous, oily liquid.
Practically insoluble in water, freely soluble in acetone, in anhydrous ethanol and in fatty oils.

TEST	SPECIFICATION	
Assay (Content)	96.5% to 102.0%	
Identification	Conforms to Ph. Eur. tests	
Optical rotation	-0.01° to +0.01°	
Related substances	Impurity A	Maximum 0.5%
	Impurity B	Maximum 1.5%
	Impurity C	Maximum 0.5%
	Impurity D+E	Maximum 1.0%
	Other impurities	Maximum 0.25%
	Total	Maximum 2.5%

Impurities:

- Impurity A* all-rac-trans-2,3,4,6,7-pentamethyl-2-(4,8,12-trimethyltridecyl)-2,3-dihydrobenzofuran-5-yl acetate,
 Impurity B* ll-rac-cis-2,3,4,6,7-pentamethyl-2-(4,8,12-trimethyltridecyl)-2,3-dihydrobenzofuran-5-yl acetate,
 Impurity C* all-rac- α -tocopherol,
 Impurity D* 4-methoxy-2,3,6-trimethyl-5-[(all-RS,E)-3,7,11,15-tetramethylhexadec-2-enyl]phenyl acetate,
 Impurity E* all-RS,all-E)-2,6,10,14,19,23,27,31-octamethyldotriacontane,12,14,18-triene.

ENQUIRY