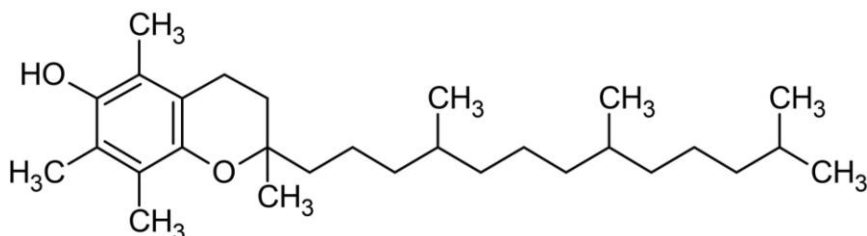


## PRODUCT DL-Alpha Tocopherol Ph. Eur.

CAS number 10191-41-0



SYNONYMS all-rac-alpha-Tocopherol, Vitamin E

CHARACTERISTICS Clear, colourless or yellowish-brown, viscous, oily liquid.  
Practically insoluble in water, freely soluble in acetone, in anhydrous ethanol, in methylene chloride and in fatty oils.

TEST	SPECIFICATION	
<b>Assay (Content)</b>	96.0% to 102.0%	
<b>Identification</b>	Conforms to Ph. Eur. tests	
<b>Optical rotation</b>	0.01° to +0.01°	
<b>Related substances</b>	Impurity A*	Maximum 0.5%
	Impurity B*	Maximum 1.5%
	Impurity C+D*	Maximum 1.0%
	Any other impurity	Maximum 0.25% (each)
	Total impurities	Maximum 2.5%

Impurity A\* all-rac-trans-2,3,4,6,7-pentamethyl-2-(4,8,12-trimethyltridecyl)-2,3-dihydrobenzofuran-5-ol  
 Impurity B\* all-rac-cis-2,3,4,6,7-pentamethyl-2-(4,8,12-trimethyltridecyl)-2,3-dihydrobenzofuran-5-ol  
 Impurity C\* 4-methoxy-2,3,6-trimethyl-5-[(all-RS,E)-3,7,11,15-tetramethylhexadec-2-enyl]phenol  
 Impurity D\* (all-RS,all-E)-2,6,10,14,19,23,27,31-octamethyldotriaconta-12,14,18-triene

ENQUIRY