

## Tocopherol-dl alpha acetate

<b>CODE ARTICLE:</b> 93118	<b>BATCH:</b> 0123456
<b>TEST DATE:</b> 20/11/2023	<b>TEST:</b> QC-00258802
<b>EXPIRY DATE:</b> 18/04/2025	<b>FABRICATION DATE:</b> 19/04/2022
<b>CAS:</b> [7695-91-2]	<b>MR:</b> 472,75
<b>SYNONYMS / BOTANICAL NAME:</b> Vitamina e	
<b>STORAGE:</b> Store in tightly closed containers in a cool, dry place.	

TEST	RESULTS	Units	MIN	MAX	METHOD
APPEARANCE	CONFORM	-		Viscous liquid	PH.EUR.*
COLOUR	CONFORM	-		Yellowish	PH.EUR.*
<b>SOLUBILITY</b>					
SOLUBLE	CONFORM			Freely soluble in fatty oils	PH.EUR.
SOLUBLE	CONFORM			Freely soluble in acetone	PH.EUR.*
SOLUBLE	CONFORM			Freely soluble in anhydrous ethanol	PH.EUR.*
PRACTICAMENTE INSOLUBLE	CONFORM			In water	PH.EUR.*
<b>IDENTIFICATION</b>					
IDENTIFICACION ROTACIÓN ÓPTICA [A]		0 DEGREES	-0,01	0,01	PH.EUR.
IDENTIFICATION B (IR)	CONFORM				PH.EUR.*
IDENTIFICACION C (TLC)	CONFORM				PH.EUR.
<b>RELATED SUBSTANCES</b>					
IMPURITY A	0,09 %		-	0,5	PH.EUR.
IMPURITY B	0,65 %		-	1,5	PH.EUR.
IMPURITY C	0,12 %		-	0,5	PH.EUR.
OTHER IMPURITIES	N.D. %			0,25	PH.EUR.
TOTAL IMPURITIES	0,86 %		-	2,5	PH.EUR.
ASSAY	98,7 %		98	102	PH.EUR.
DENSITY	CONFORM	G/ML	0,952	0,966	Manufacture's Standard
ACIDITY	0,06 ml NaOH		-	1	Manufacture's Standard
	0.1N				
REFRACTION INDEX	CONFORM	-	1,494	1,498	Manufacture's Standard
SULPHATED ASHES	CONFORM	%		0,10	Manufacture's Standard
HEAVY METALS	<10 ppm			10	Manufacture's Standard
LEAD	<0,5 ppm			0,5	Manufacture's Standard
ARSENIC	<1,0 ppm			1	Manufacture's Standard
MERCURY	<0,1 MG/KG			0,1	Manufacture's Standard
CADMIUM	<0,5 MG/KG			0,5	Manufacture's Standard
RESIDUAL SOLVENTS	CONFORM	-		According to USP and PH.EUR	Manufacture's Standard
CORRECT BATCH	YES				Manufacture's Standard
SAMPLING	COLLECT				Manufacture's Standard
SPECIFICATION	PH.EUR 11, USP				
<b>NON-sterile</b>					

The data expressed in this certificate of analysis is facilitated by our supplier and/or obtained in our control laboratory, in no case being exempted of the controls demanded by each sector. Tests marked with (\*) are verified in Guinama.

Manufacturer Batch: 66270226 Supplier Code: 405277

GUINAMA S.L. C/ OSLO,3 (before C/Praga) POL.IND. GUTENBERG 46185 La Pobra de Vallbona (Valencia) Spain  
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TEST	RESULTS	Units	MIN	MAX	METHOD
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The product has been handled in NON-sterile rooms, therefore this product IS NOT STERILE

**Silvia Sancho-Tello Ripoll**  
**Technical Director.**

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