



## ANALYSIS CERTIFICATE

**Lot/Analysis/Analysis N°: 217389**

Product:	ESTRADIOL VALERATE
Lot:	217389
Expiry date:	11/12/2026
Reference:	Cumple PhEur 10.6
Synonyms:	
Formula:	C <sub>23</sub> H <sub>32</sub> O <sub>3</sub>
Molecular weight:	356.5 g/mol

Assay	Result	Specification	
Identification	Conform (A,B)	Test PhEur (A,B)	
Organoleptic properties	Conform	PhEur	
Appearance of solution	Conform	Test PhEur	=
Related substances (HPLC)	Conform	Test PhEur	=
Loss on drying	0.06 %	<= 1,0 %	
Specific rotation	+43	(+41) – (+47)	=
Elemental impurities	Conform	Test PhEur	#
Assay	98,5 %	97,5 - 102,0 %	
Impurity A	<= 0,2 %	<= 0,2 %	=
Impurity C	<= 0,2 %	<= 0,2 %	=
Impurity D	<= 0,4 %	<= 0,4 %	=
Impurity E	<= 0,15 %	<= 0,15 %	=
Unspecified Impurities	<= 0,10 %	<= 0,10 %	=
Total impurities	<= 0,5 %	<= 0,5 %	=
Residual solvent: Ethyl acetate	<= 5000 ppm	<= 5000 ppm	#
Residual solvent: Methanol	<= 5000 ppm	<= 5000 ppm	#

Organoleptic characteristics: White or almost white, crystalline powder or colourless crystals. Practically insoluble in water, freely soluble in methylene chloride, soluble in ethanol (96 per cent).

Conservation: In tightly closed containers. Protect from light.

Date of analysis: 17/01/2022

Judgement:  
APPROVED

Responsible: M. Mesa

Technical director: Montserrat Enrique

Manufacturer: F00381 STEROID S.P.A.

Manufacturer batch: 078721

Product	Name	Capacity	Batch
1130364	ESTRADIOL VALERATO (BIOIDENTICA)	1 g	217389-D-1

1130364	ESTRADIOL VALERATO (BIOIDENTICA)	1 g	217389-D-2
1130364	ESTRADIOL VALERATO (BIOIDENTICA)	1 g	217389-D-3
1130366	ESTRADIOL VALERATO (BIOIDENTICA)	5 g	217389-E-1
1130366	ESTRADIOL VALERATO (BIOIDENTICA)	5 g	217389-E-2
1130368	ESTRADIOL VALERATO (BIOIDENTICA)	25 g	217389-G-1
1130368	ESTRADIOL VALERATO (BIOIDENTICA)	25 g	217389-G-2

This certificate is not initialled as it is computer processed, it is validated with the originals available at Acofarma.

Original manufacturer's certificate available on request.

(#) Parameter controlled by the manufacturer

(=) UE certificate

ACOFARMA DISTRIBUCIÓN, S.A.

C/ Llobregat, 20 - 08223 Terrassa (Barcelona)

Tel./ 93-736.00.88

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Date of edition: 24/06/2026

