



ANALYSIS CERTIFICATE

Lot/Analysis/Analysis N°: 241423

Product:	ESTRADIOL VALERATE
Lot:	241423
Expiry date:	25/09/2028
Reference:	Cumple PhEur11.5
Synonyms:	
Formula:	C ₂₃ H ₃₂ O ₃
Molecular weight:	356.5 g/mol

Assay	Result	Specification	
Appearance of solution	Conform	Test PhEur	=
Total impurities	0,11 %	<= 0,5 %	=
Related substances (HPLC)	Conform	Test PhEur	=
Residual solvent: Ethyl acetate	< 5000 ppm	<= 5000 ppm	#
Identification	Conform (A,B)	Test PhEur (A,B)	
Impurity E	< 0,05 %	<= 0,15 %	=
Organoleptic properties	Conform	PhEur	
Unspecified Impurities	< 0,05 %	<= 0,10 %	=
Impurity C	0,11 %	<= 0,2 %	=
Impurity D	ND	<= 0,4 %	=
Impurity A	< 0,05 %	<= 0,2 %	=
Assay	99,3 %	97,5 - 102,0 %	
Elemental impurities	Conform	Test PhEur	#
Loss on drying	0,00 %	<= 1,0 %	
Residual solvent: Methanol	< 5000 ppm	<= 5000 ppm	#
Specific rotation	+45	(+41) – (+47)	=

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: 22/07/2024

Judgement:
APPROVED

Responsible: B. Chia

Technical director: Montserrat Enrique

Manufacturer: F00381 STEROID S.P.A.

Manufacturer batch: 082223

Product	Name	Capacity	Batch
1130364	ESTRADIOL VALERATO	1 g	241423-D-1

1130364	ESTRADIOL VALERATO	1 g	241423-D-2
1130366	ESTRADIOL VALERATO	5 g	241423-E-1
1130366	ESTRADIOL VALERATO	5 g	241423-E-2
1130367	ESTRADIOL VALERATO	10 g	241423-F-1
1130367	ESTRADIOL VALERATO	10 g	241423-F-2
1130368	ESTRADIOL VALERATO	25 g	241423-G-1
1130368	ESTRADIOL VALERATO	25 g	241423-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

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