



ANALYSIS CERTIFICATE

Lot/Analysis/Analysis N°: 220263

Product:	METHYLPREDNISOLONE
Lot:	220263
Expiry date:	23/10/2025
Reference:	Cumple PhEur10.6
Synonyms:	6-alfa-Metilprednisolona.
Formula:	C ₂₂ H ₃₀ O ₅
Molecular weight:	374,5 g/mol

Assay	Result	Specification	
Related substances (HPLC)	Conform		
Impurity I	<= 0,05 %	<= 0,3 %	
Organoleptic properties	Conform		
Impurity H	<= 0,05 %	<= 0,2 %	
Loss on drying	0,34 %	<= 1,0 %	
Total impurities	0,11 %	<= 2,0 %	
Specific rotation	+100,0	(+97,0) - (+103,0)	
Unspecified Impurities	0,05 %	<= 0,10 %	
Impurity E	NDT	<= 0,15 %	
Impurity D	0,06 %	<= 0,5 %	
Identification	Conform (A,B)		
Impurity G	<= 0,05 %	<= 0,3 %	
Impurity F	<= 0,05 %	<= 0,15 %	
STORE IN REFRIGERATOR (2-8°C)			
Residual solvent: Methanol	<= 3000 ppm	<= 3000 ppm	#
Assay	100,0 %	97,0 - 102,0 %	
Residual solvent: methylene chloride	<= 600 ppm	<= 600 ppm	#
Residual solvent: Chloroform	<= 60 ppm	<= 60 ppm	#
Impurity A	<= 0,05 %	<= 0,3 %	
Impurity C	<= 0,05 %	<= 0,15 %	
Impurity B	<= 0,05 %	<= 0,2 %	

Organoleptic characteristics: White or almost white, crystalline powder. Practically insoluble in water, sparingly soluble in ethanol (96 per cent), slightly soluble in acetone and in methylene chloride. It shows polymorphism. FRIDGE (2-8°C)

Conservation: In tightly closed containers. Protect from light.

Date of analysis: 17/02/2022

Responsible: C. Codina

Judgement:
APPROVED

Technical director: Montserrat Enrique

Manufacturer: F00101 TIANJIN TIANYAO PHARMACEUTICALS CO., LTD.

Manufacturer batch: NXEMP211201

Product	Name	Capacity	Batch
1160249	METILPREDNISOLONA	1 g	220263-D-2
1160249	METILPREDNISOLONA	1 g	220263-D-3
1160249	METILPREDNISOLONA	1 g	220263-D-5
1160250	METILPREDNISOLONA	5 g	220263-E-1
1160253	METILPREDNISOLONA	50 g	220263-I-1
1160253	METILPREDNISOLONA	50 g	220263-I-2
1160257	METILPREDNISOLONA	1 kg	220263-P-1
1370116	METILPREDNISOLONA (FLB)	1 g	220263-D-1
1370116	METILPREDNISOLONA (FLB)	1 g	220263-D-4

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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