



ANALYSIS CERTIFICATE

Lot/Analysis/Analysis N°: 252287

Product:	CYCLOSPORINE A
Lot:	252287
Expiry date:	05/03/2028
Reference:	Cumple PhEur12.1
Synonyms:	
Formula:	C ₆₂ H ₁₁₁ N ₁₁ O ₁₂
Molecular weight:	1203 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	
Specific rotation	(-190)	(-185) - (-193)	
Elemental impurities	Conform	Test PhEur	#
Loss on drying	0,24 %	<= 2,0 %	
Assay (HPLC)	100,5 %	97,0 - 102,0 %	
Sum of impurities B and E	0,18 %	<= 0,5 %	
Impurity G	0,10 %	<= 0,4 %	
Any impurity	0,20 %	<= 0,3 %	
Total impurities	0,47 %	<= 1,5 %	
Residual solvent: Petroleum ether	< 100 ppm	< 100 ppm	#
Residual solvent: acetone	< 5000 ppm	< 5000 ppm	#
Nitrosamine impurities	Conform		#

Organoleptic characteristics: White or almost white powder. Practically insoluble in water, freely soluble in anhydrous ethanol and in methylene chloride

Conservation: In tightly closed containers. Protect form light and moisture.

Date of analysis: 16/01/2026

Judgement:
APPROVED

Responsible: B.Chia

Technical director: Montserrat Enrique

Manufacturer: F01063 JOYANG LABORATORIES

Manufacturer batch: 250331DXI

Product	Name	Capacity	Batch
1119031	CICLOSPORINA A Ph.Eur.	10 kg	252287-R-1

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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