



ANALYSIS CERTIFICATE

Lot/Analysis/Analysis N°: 242160

Product:	SIROLIMUS
Lot:	242160
Expiry date:	30/07/2027
Reference:	Especificaciones de fabricante
Synonyms:	Rapamicina.
Formula:	C51H79NO13
Molecular weight:	914,17 g/mol

Assay	Result	Specification	
Identification	Conform		
Organoleptic properties	Conform		
Elemental impurities	Conform	Test	#
Loss on drying	0,10 %	<= 0,5 %	
Residue on ignition	0,00 %	<= 0,1 %	
Related substances (HPLC)	Conform		
Assay (HPLC)	99,6 %	98,0 - 102,0 %	
STORE IN REFRIGERATOR (2-8°C)			
Residual solvent: Acetonitrile	< 410 ppm	<= 410 ppm	#
Residual solvent: Ethyl acetate	< 5000 ppm	<= 5000 ppm	#
Residual solvent: acetone	< 5000 ppm	<= 5000 ppm	#
Residual solvent: Diethyl ether	< 5000 ppm	<= 5000 ppm	#
Residual solvent: Methanol	< 3000 ppm	<= 3000 ppm	#
Residual solvent: Toluene	< 890 ppm	<= 890 ppm	#
Residual solvent: Methyl formate	< 5000 ppm	<= 5000 ppm	#
Residual solvent: Petroleum ether	< 100 ppm	<= 100 ppm	#
Isomer A	0,23 %	<= 0,5 %	
Isomer C	4,1 %	<= 5,0 %	
Individual impurities	0,13 %	<= 0,15 %	
Total impurities	0,22 %	<= 0,70 %	

Organoleptic characteristics: White or off-white powder. Soluble in acetonitrile, acetone and chloroform, practically insoluble in water.

Conservation: In tightly closed containers. Protect from light.

Date of analysis: 26/11/2024

Judgement:
APPROVED

Responsible: B. Chia

Technical director: Montserrat Enrique

Manufacturer: F00010 CONCORD BIOTECH LTD.

Manufacturer batch: 1608A524013

Product	Name	Capacity	Batch
1114450	SIROLIMUS	10 g	242160-F-1
1114450	SIROLIMUS	10 g	242160-F-2
1114451	SIROLIMUS	1 g	242160-D-1
1114451	SIROLIMUS	1 g	242160-D-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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