



ANALYSIS CERTIFICATE

Lot/Analysis/Analysis N°: 240039

Product:	COLISTIN SOLPHATE
Lot:	240039
Expiry date:	28/02/2027
Reference:	Cumple PhEur11.3
Synonyms:	Polimixina E sulfato.
Formula:	
Molecular weight:	g/mol

Assay	Result	Specification	
Identification	Conform (B,E)		
Organoleptic properties	Conform		
pH	4,4	4,0 - 6,0	
Related substances (HPLC)	Conform		
Sulphates	16,7%	16,0 - 18,0 %	
Loss on drying	2,8%	<= 3,5 %	
Sulphated ashes	0,29%	<= 1,0 %	
Antimicrobial power	24115 UI/mg s.p.s	>= 19000 UI/mg s.p.s	
Composition (HPLC)	Conform		
Elemental impurities	Conform	Test PhEur	#
Nitrosamine impurities	Conform	Test PhEur	#
Impurity B	< 0,35 %	<= 4,0 %	
Any impurity; not more than 4 >= 1.0%	1,1 % ; 2	<= 2,5 % ; <= 4	
Total impurities	6,1%	<= 11,0 %	
Polymyxin E1-I	0,51 %	<= 8,5 %	
Polymyxin E3	2,5%	<= 5,5 %	
Polymyxin E1-7MOA	3,4 %	<= 5,0 %	
Polymyxin E6	0,84 %	Polymyxin E6	
Polymyxin E1-Nva	0,39 %	<= 4,5 %	
Sum of polymyxins E4 and E2-Val	1,8 %	<= 3,0 %	
Poymyxin E2-I	0,60 %	<= 2,5 %	
Polymyxin 2,3-dehidro E1	0,71 %	<= 1,5 %	
Sum of polymyxins	93,9 %	>= 86,0 %	
Residual solvent: Ethanol	<= 5000 ppm	<= 5000 ppm	#

Organoleptic characteristics: White or almost white, hygroscopic powder. Freely soluble in water, practically insoluble in acetone and in ethanol (96 per cent).

Conservation: In tightly closed containers. Protect from light.

Date of analysis: 25/01/2024

Judgement:
APPROVED

Responsible: B. Chia

Technical director: Montserrat Enrique

Manufacturer: F00433 LABORATORIUM OFICHEM B.V.

Manufacturer batch: 2302053.1224

Product	Name	Capacity	Batch
1120657	COLISTINA SULFATO	25 g	240039-G-1
1120657	COLISTINA SULFATO	25 g	240039-G-2
1120659	COLISTINA SULFATO	100 g	240039-J-1
1120660	COLISTINA SULFATO	250 g	240039-N-1
1120660	COLISTINA SULFATO	250 g	240039-N-2
1120662	COLISTINA SULFATO	1 kg	240039-P-1
1120662	COLISTINA SULFATO	1 kg	240039-P-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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