



## ANALYSIS CERTIFICATE

**Lot/Analysis/Analysis N°: 233265**

Product:	VITAMIN B12 (CYANOCOBALAMIN)
Lot:	233265
Expiry date:	15/06/2027
Reference:	Cumple PhEur11.2
Synonyms:	
Formula:	C63H88CoN14O14P
Molecular weight:	1355,38 g/mol

Assay	Result	Specification
Identification	Conform (A,B)	Test RFE/Ph. Eur.-B,IR
Organoleptic properties	Conform	RFE/Ph. Eur.
Related substances (UPLC)	Conform	
Loss on drying	4,2 %	<= 12,0 %
Assay	100,1 %	96,0 - 102,0 %
Impurity A	0,1 %	<= 0,7 %
Impurity B	ND	<= 0,5 %
Impurity C	0,3 %	<= 1,5 %
Impurity D	ND	<= 0,5 %
Impurity E	0,2 %	<= 0,5 %
Impurity F	ND	<= 0,5 %
Unspecified Impurities	0,1 %	<= 0,2 %
Total impurities	0,8 %	<= 3,0 %

Organoleptic characteristics:

Conservation: In tightly closed containers. Protect from light.

Date of analysis: 07/08/2023

Judgement:  
APPROVED

Responsible: M. Mesa

Technical director: Montserrat Enrique

Product	Name	Capacity	Batch
1193642	VITAMINA B12 (CIANOCOBALAMINA) (INACTIVO)	0,5 g	233265-C-1
1193642	VITAMINA B12 (CIANOCOBALAMINA) (INACTIVO)	0,5 g	233265-C-2
1193642	VITAMINA B12 (CIANOCOBALAMINA) (INACTIVO)	0,5 g	233265-C-3
1193642	VITAMINA B12 (CIANOCOBALAMINA) (INACTIVO)	0,5 g	233265-C-4
1193643	VITAMINA B12 (CIANOCOBALAMINA)	1 g	233265-D-1
1193643	VITAMINA B12 (CIANOCOBALAMINA)	1 g	233265-D-2
1193643	VITAMINA B12 (CIANOCOBALAMINA)	1 g	233265-D-3

1193643	VITAMINA B12 (CIANOCOBALAMINA)	1 g	233265-D-4
1193644	VITAMINA B12 (CIANOCOBALAMINA)	5 g	233265-E-1
1193644	VITAMINA B12 (CIANOCOBALAMINA)	5 g	233265-E-2
1193644	VITAMINA B12 (CIANOCOBALAMINA)	5 g	233265-E-3
1193645	VITAMINA B12 (CIANOCOBALAMINA)	10 g	233265-F-1
1193645	VITAMINA B12 (CIANOCOBALAMINA)	10 g	233265-F-2
1193645	VITAMINA B12 (CIANOCOBALAMINA)	10 g	233265-F-3
1193645	VITAMINA B12 (CIANOCOBALAMINA)	10 g	233265-F-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.

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