



ANALYSIS CERTIFICATE

Lot/Analysis/Analysis N°: 240635

Product:	VITAMIN B2 (RIBOFLAVIN)
Lot:	240635
Expiry date:	30/05/2027
Reference:	Cumple PhEur11.4
Synonyms:	Lactoflavina. E-101.
Formula:	C ₁₇ H ₂₀ N ₄ O ₆
Molecular weight:	376,4 g/mol

Assay	Result	Specification
Identification	Conform (A,B,C)	Test RFE/Ph. Eur.
Organoleptic properties	Conform	RFE/Ph. Eur.
Related substances (HPLC)	Conform	Test RFE/Ph. Eur.
Specific rotation (20°C)	-132,9°	(-115,0°) -(-135,0°)
Loss on drying	0,75 %	<= 1,5 %
Sulphated ashes	0,05 %	<= 0,1 %
A (373 nm) / A (267 nm)	0,32	0,31 - 0,33
A (444 nm) / A (267 nm)	0,38	0,36 - 0,39
Assay	98,7 %	97,0-103,0%
Impurity A	0,009 %	<= 0,025 %
Impurity B	0,04 %	<= 0,2 %
Impurity C	0,0 %	<= 0,2 %
Impurity D	0,1 %	<= 0,2 %
Unspecified Impurities	0,00 %	<= 0,10 %
Total impurities	0,1 %	<= 0,5 %

Organoleptic characteristics:

Conservation: In tightly closed containers. Protect from light.

Date of analysis: 10/04/2024

Judgement:
APPROVED

Responsible: B. Chia

Technical director: Montserrat Enrique

Product	Name	Capacity	Batch
1193603	VITAMINA B2 (RIBOFLAVINA)	25 g	240635-G-1
1193603	VITAMINA B2 (RIBOFLAVINA)	25 g	240635-G-2
1193603	VITAMINA B2 (RIBOFLAVINA)	25 g	240635-G-3
1193603	VITAMINA B2 (RIBOFLAVINA)	25 g	240635-G-4
1193605	VITAMINA B2 (RIBOFLAVINA)	100 g	240635-J-1

1193605	VITAMINA B2 (RIBOFLAVINA)	100 g	240635-J-2
1193605	VITAMINA B2 (RIBOFLAVINA)	100 g	240635-J-3
1193605	VITAMINA B2 (RIBOFLAVINA)	100 g	240635-J-4
1193607	VITAMINA B2 (RIBOFLAVINA)	1 kg	240635-P-1
1193607	VITAMINA B2 (RIBOFLAVINA)	1 kg	240635-P-2
1193607	VITAMINA B2 (RIBOFLAVINA)	1 kg	240635-P-3
1193607	VITAMINA B2 (RIBOFLAVINA)	1 kg	240635-P-4
1200272	VITAMINA B2 (RIBOFLAVINA)	250 g	240635-N-1
1200272	VITAMINA B2 (RIBOFLAVINA)	250 g	240635-N-2
1200272	VITAMINA B2 (RIBOFLAVINA)	250 g	240635-N-3

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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