



ANALYSIS CERTIFICATE

Lot/Analysis/Analysis N°: 250076

Product:	VITAMIN B2 (RIBOFLAVIN)
Lot:	250076
Expiry date:	06/04/2028
Reference:	Cumple PhEur11.6
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)	-134,0 °	(-115,0°) -(-135,0°)
Loss on drying	0,54 %	<= 1,5 %
Sulphated ashes	0,03 %	<= 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	98,9 %	97,0-103,0%
Impurity A	0,006 %	<= 0,025 %
Impurity B	0,04 %	<= 0,2 %
Impurity C	< 0,2 %	<= 0,2 %
Impurity D	0,1 %	<= 0,2 %
Unspecified Impurities	< 0,05 %	<= 0,10 %
Total impurities	0,1 %	<= 0,5 %

Organoleptic characteristics:

Conservation: In tightly closed containers. Protect from light.

Date of analysis: 16/01/2025

Judgement:
APPROVED

Responsible: B. Chia

Technical director: Montserrat Enrique

Product	Name	Capacity	Batch
1193603	VITAMINA B2 (RIBOFLAVINA)	25 g	250076-G-1
1193603	VITAMINA B2 (RIBOFLAVINA)	25 g	250076-G-2
1193605	VITAMINA B2 (RIBOFLAVINA)	100 g	250076-J-1
1193605	VITAMINA B2 (RIBOFLAVINA)	100 g	250076-J-2
1193607	VITAMINA B2 (RIBOFLAVINA)	1 kg	250076-P-1

1193607	VITAMINA B2 (RIBOFLAVINA)	1 kg	250076-P-2
1200272	VITAMINA B2 (RIBOFLAVINA)	250 g	250076-N-1
1200272	VITAMINA B2 (RIBOFLAVINA)	250 g	250076-N-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.

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