

VITAMINA B2 (RIBOFLAVINA) (EUR. PH.)

PRODUCT CODE: 1896	CAS Nº: 83-88-5	ANALYSIS Nº: 036/25
MANUFACTURER BATCH: RIB3788HF	CERTIFICATE ID: 45.153	
SUPPLIER BATCH: ----	MANUFACTURING DATE: 27/06/2024	
METAPH BATCH: 0100225	RETEST DATE: 26/06/2028	

ATTRIBUTES	SHOULD BE	IS
Appearance	Yellow or orange-yellow, crystalline powder	Orange-yellow, crystalline powder (*)
Identification A	Complies	Complies (*)
Identification B	Complies	Complies (*)
Identification C	Complies	Complies (*)
Specific optical rotation	-115 / -135	-125 (*)
Absorbance		
Absorption maxima	223, 267, 373 and 444 nm	Complies
Absorbance ratio		
Abs 373/267	0.31 - 0.33	0.32
Abs 444/267	0.36 - 0.39	0.38
Related substances		
Impurity A	=< 0.025 %	0.008 %
Impurity B	=< 0.2 %	0.04 %
Impurity C	=< 0.2 %	0.0 %
Impurity D	=< 0.2 %	0.1 %
Unspecified impurities	=< 0.10 %	0.00 %
Total impurities	=< 0.5 %	0.1 %
Loss on drying	=< 1.5 %	0.7 %
Sulfated ash	=< 0.1 %	0.03 %
Assay	97.0 - 103.0 %	98.1 % (*)

COMPLIES WITH

European Pharmacopoeia 11.0

REMARKS

Product fully analyzed within the EU, in compliances with the currents regulations "EudraLex - Volume 4 - Good Manufacturing Practice (GMP) guidelines" Part-II.

Riboflavine is subjected to the requirements of the ICH Q3D "Elemental Impurities" guideline and the requirements of guides EMA/CHMP/ICH/82260/2006.

(*) Data controlled by Metapharmaceutical Industrial SL.

Certificates of residual solvents, allergens, non-GMO and BSE-TSE, among others, are available upon request.

All methods of analysis are validated by official pharmacopoeias or are validated by internal methods of the manufacturer, which can be obtained at specific request. The above information does not exempt from the obligation to identify the product before use.

STORAGE

Keep the container tightly closed in a cool, dry and well-ventilated place.

Analysis date: 18/03/2025
 Signature: Cristina Borrell Olea (QA/QP)
 Conclusion: Complies

Manufacturer: 40000337

