

**VITAMINA B2 (RIBOFLAVINA) (EUR. PH.)**

PRODUCT CODE: 1896	CAS Nº: 83-88-5	ANALYSIS Nº: 170/24
MANUFACTURER BATCH: RIB3638HF	CERTIFICATE ID: 42.651	
SUPPLIER BATCH: ----	MANUFACTURING DATE: 11/12/2023	
METAPH BATCH: 0160624	RETEST DATE: 10/12/2027	

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	-122 (*)
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 %	0.005 %
Impurity B	=< 0.2 %	0.03 %
Impurity C	=< 0.2 %	0.0 %
Impurity D	=< 0.2 %	0.2 %
Unspecified impurities	=< 0.10 %	0.0 %
Total impurities	=< 0.5 %	0.2 %
Loss on drying	=< 1.5 %	0.7 %
Sulfated ash	=< 0.1 %	0.1 %
Assay	97.0 - 103.0 %	97.8 % (*)

COMPLIES WITH

European Pharmacopoeia 11.0

REMARKS

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: 27/08/2024
Signature: Albert Sanchez Lopez (QP)
Conclusion: Complies

Manufacturer: 40000337