

Certificate of Analysis

Product name: **Riboflavinum**
Batch number / Weight: **23G04-B13-231171 / 1 KG**
Analysed according to: **Ph.Eur.11.2**
Number of analysis / Inspection Code **23G04-B13 / INS-23-5475**
Reference Code / No.: **V01968 / RIB3328HF**

Tests	Requirement	Result	Unit	Standard remark
Appearance	(Orange) yellow, crystalline powder	Conform		
Identification A	-115 - -135	Conform		
Identification B	Conform	Conform		
Identification C	Conform	Conform		
Specific optical rotation	-115 - -135	-122,3		
Absorbance	223, 267, 373, 444 nm	Conform		
Absorbance ratio	0,31 - 0,33 (373/267 nm)	0,327		
Absorbance ratio	0,36 - 0,39 (444/267 nm)	0,387		
Related substances	Conform	Conform		
Impurity A	<=0,025	0,007	%	
Impurity B	<=0,2	<0,05	%	
Impurity C	<=0,2	0,00	%	
Impurity D	<=0,2	0,10	%	
Unspecified impurities	<=0,10	0,048	%	
Total impurities	<=0,5	0,15	%	
Loss on drying	<=1,5	1,11	%	
Sulphated ash	<=0,1	0,03	%	
Metallic residues	CHMP/ICH/353369/2013	Conform		Data producer
Residual solvents	CPMP/ICH/82 260/06	Conform		Data producer
Assay Riboflavine	97,0 - 103,0	99,30	%m/m	
TSE/BSE-statement:	No contamination with TSE/BSE-risk materials	Conform		Data producer

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All the manufacturing stages of this batch have been carried out in full compliance with the GMP requirements of the EU and with the national legal requirements.

Analysis performed by the authorized lab FAGRON PL lab

Release:

Ewelina Gadzinowska

Qualified Person

12-09-2023

Expiration: 29-05-2026

Conclusion: APPROVED

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