



HUBEI GUANGJI PHARMACEUTICAL CO., LTD

Add: No.1 Jiangdi Road, Wuxue City, Hubei Province, China.
 GMP Certificate: N°: HB20160258 Manufacturing License N°: E-20160091

RI0133
R20488

CERTIFICATE OF ANALYSIS

Name of Product:	Riboflavin(Vitamin B2)	Certificate No.:	H202206026FM
Batch Number:	H202206026FM	Manufacturing Date:	JUN 30,2022
Batch Size:	3,500KG	Date of Test:	JUL 01,2022
Packing Size:	25KG	Expiry Date:	JUN 29,2025

Items	Methods	Specifications	Results
Appearance	Visual	Orange yellow crystalline powder	Orange yellow crystalline powder
Identification	Color reaction	Positive	Positive
Particle Size	USP<786>	100% through 60 mesh	100% through 60 mesh
Specific Rotation	USP<781S>	-115 ° ~ -135 °	-120 °
	FCC	+56.5 ° ~ +59.5 °	+57.2 °
Loss on Drying	USP<731>	≤ 1.5%	0.3%
Residue on Ignition	USP<281>	≤ 0.3%	0.08%
Lumiflavin	UV(440 nm)	≤ 0.025	0.002
Assay (on dried basis)	Fluoremetry	98.0%~102.0%	98.5%
Heavy Metals	USP<231>	≤ 10 ppm	<10 ppm
Lead	USP<251>	≤ 1 ppm	< 1 ppm
Microorganism			
Total Plate Count	CP2015 Edition2 Appendix XI J	≤ 1,000 cfu/g	Complies
Mold and Yeast	CP2015 Edition2 Appendix XI J	≤ 100 cfu/g	Complies
Coliforms	CP2015 Edition2 Appendix XI J	≤ 10 cfu/g	Complies
E.Coli	CP2015 Edition2 Appendix XI J	Negative	Negative
Salmonella	CP2015 Edition2 Appendix XI J	Negative	Negative
Pseudomonas	CP2015 Edition2 Appendix XI J	Negative	Negative
S. Aureus	CP2015 Edition2 Appendix XI J	Negative	Negative



Residual Solvents: Solvent testing is not necessary. No Solvents used in the manufacturing process except water.

Conclusion: The product with this batch number meets all requirements of the following valid compendia when tested accordingly to the current USP and FCC monograph.

Storage: Store in a tightly closed container in a dry place, protected from light.

Riboflavin is made in China and raw materials originate from China

Approval:

Analyst: 郭文静

Checked By: 刘静

Production Site: Dajin Guangji Pharm Bio - industrial Park, Wuxue City, Hubei Province, China

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