



CERTIFICATE OF ANALYSIS

Product Name: Riboflavin (VITAMIN B2) CAS NO.: 83-88-5
Batch Number: 20230719 Batch Quantity: 1000KG
Manufacture Date: 2023-07-19 Expiry Date: 2025-07-18

ITEMS	SPECIFICATION	RESULTS
Appearance	Yellow or orange-yellow crystalline powder	Conforms
Identification	Positive	Conforms
Assay	98.0% - 102.0%	99.2%
Specific rotation	-115° ~ -135°	-131.9°
Particle Size	95% Pass 80 Mesh	Conforms
Loss on drying	1.5% Max	0.47%
Residue on ignition	0.3% Max	0.05%
Buld density	-----	0.41 g/ml
Lumiflavin	440nm Absorbance 0.025 Max	0.015
Heavy metals	10 ppm Max	Conforms
Pb	1 ppm Max	Conforms
Total Plate Count	1000cfu/g Max	Conforms
Yeast & Mold	100cfu/g Max	Conforms
E-Coli	Negative	Negative
Salmonella	Negative	Negative
Conclusion	Comply with USP2021 standard.	
Storage	Store in cool & dry place, keep away from strong light and heat.	

Shawn
Analyst

Rick
Approved

Whip
Header of QC