



CERTIFICATE OF ANALYSIS

Product Name: Vitamin B2(Riboflavin)	Manufacture Date: 2023.05.30
CAS No.: 83-88-5	Analysis Date: 2023.06.05
Batch No.: QH2023053006	Expiration Date: 2025.05.29
Batch Quantity: 1000kg	

Items	Specifications	Results
Appearance	Orange yellow powder	Complies
Identification	Positive	Complies
Acidity or Alkalinity	Check the color of test solution after adding the respective solutions	Complies
Lumiflavin	Absorbance of the filtrate at 440nm does not exceed 0.025(USP);not more intense than BY6(EP/BP)	0.008 Complies
Absorbance	0.31-0.33 A373nm/A267nm 0.36-0.39 A444nm/A267nm	Complies
Particle Size	100% passes through 60mesh sieve	Complies
Specific Rotation	Between -115° and 135°	-126°-119°
Loss on Drying	≤ 1.5%	0.003
Residue on Ignition	≤ 0.3%	0.001
Heavy Metal	< 10ppm	Complies
As	< 2ppm	Complies
Assay	98.0%-102.0%	99.2%

Conclusion	Conformed with USP42
Storage	Store in cool & dry place, Keep away from strong light and heat
Shelf life	2 years when properly stored