



西安菲斯弗生物科技有限公司

Xi'an Faithful Biological Technology Co., Ltd.

Certificate of Analysis-Riboflavin

CAS: 83-88-5

Batch Number: FTF0250127 Batch Quantity: 600kg

Manufacture Date: Jan.25th,2025 Analysis Date: Jan.26th,2025 Certificate Date: Jan.27th,2025

Storage Store in cool & dry place. Store in well-closed containers.
Shelf life 3 years when properly stored.

Item	Specification	Result
Appearance	Orange Yellow Crystalline Powder	Conform
Identification	Positive	Conform
Acidity or Alkalinity	Check the color of the test solution After adding the respective solutions	Conform
Lumiflavin	Absorbance of the filtrate at 440nm Does not exceed 0.025(USP);	0.009
Absorbance	0.31 – 0.33 A375nm/A267nm 0.36 – 0.39 A444nm/A267nm	0.32/0.38
Partical Size	100% pass 60 mesh	Conform
Specific Rotation	Between-115°and-135°(EP/BP/USP)	121°(USP)
Loss on Drying	≤1.5%	0.8%
Heavy Metals	<10ppm	Conform
Residue on Ignition	≤0.03%(USP)	0.1%
Organic Volatile Impurities	Method IV<467>(USP)	Conform
Assay(on dried basis)	98.0% - 102.0%(USP)	99.85%
Conclusion	Conform with the enterprise standard	

QC MANAGER: 刘娟

INSPECTOR: 黄子烨

