



CERTIFICATE OF ANALYSIS

Product Name: **Riboflavin**
USP Grade

Catalog Number: R001 Molecular Formula: $C_{17}H_{20}N_4O_6$
Lot Number: 01142007 Formula Weight: 376.37
CAS Number: 83-88-5 Storage: 15 to 30°C
Retest Date: 31-JAN-2021

<u>Test</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Yellow to Orange Powder	PASS
Identity Test	Passes Test	PASS
Purity	≥ 98.0 %	100.0 %
Loss on Drying	≤ 1.5 %	0.5 %
Specific Rotation	-115.0 to -135.0°	-125.0°
Residue on Ignition (Ash)	≤ 0.3 %	0.1 %
Lumiflavin	≤ 0.025 %	0.009 %
Solubility (10mg/mL, 0.5M NaOH)	Clear Orange Solution	PASS

This product meets or exceeds the quality standards established by Caisson Laboratories, Inc.

This product is intended for Laboratory Use Only

Prepared by:

Reviewed by:

Kylie Loftus

11/29/2017

Quality Control