

Certificate of Analysis

Description: B-2 Riboflavin

Lot: 238H1803004FM

	<u>Specification</u>	<u>Test Method</u>	<u>Result</u> ‡
General Properties			
Appearance	Orange yellow powder	Visual	Complies
Analytical			
Assay (% Dry Basis)	>= 98.0 <= 102.0	USP curr. edit.	98.5
Identification A	Meets the requirements	USP curr. edit.	Complies
Loss on drying (%)	<= 1.5	USP curr. edit.	0.4
Specific rotation (deg)	>= -135 <= -115	USP curr. edit.	-123
ROI (%)	<= 0.3	USP curr. edit.	0.1
Lumiflavin (@ 440 nm)	<= 0.025	USP curr. edit.	0.008
Lead (ppm)	<= 0.5	ICP-MS	Complies
Arsenic (ppm)	<= 1.5	ICP-MS	< 1
Cadmium (ppm)	<= 0.5	ICP-MS	Complies**
Mercury (ppm)	<= 0.2	ICP-MS	< 0.1
Microbiological			
APC (CFU/gm)	<= 1000	USP curr. edit.	315
Yeast/mold (CFU/gm)	<= 100	USP curr. edit.	25
E. coli (10 gm)	Negative	USP curr. edit.	Negative
Salmonella (10 gm)	Negative	USP curr. edit.	Negative

Additional Information

Manufacture date 02/28/2018
 Expiration date 02/27/2021
 Storage condition Cool dry place sealed in light resistant container
 Manufactured by
 Country of origin China

Approved By:


 Kevin Woollard
 Director of QA

Date: 05/16/2019

‡ Test results based on information supplied by the manufacturer, unless otherwise noted.

** Based on results from Pharmore's sampling plan.

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