

Certificate of Analysis

Item Number	Product Description	Lot Number
CPB-R64040-100GM	CHEMPURE Riboflavin, 100 G	218392-220862
Formula	Molecular Weight	CAS Number
$C_{17}H_{20}N_4O_6$	376.4	83-88-5

QC TEST/RELEASE DATE: 02/05/2024

SUGGESTED RETEST DATE: 04/05/2027

S.No	Test	Unit	Specifications	Test Value
1	Appearance		Orange yellow crystalline powder	passed
2	Assay (Dry Basis)	%	98.0 - 102.0	98.6
3	Heavy Metals	ppm	≤ 10	< 10
4	Identification		Positive	passed
5	Loss on Drying	%	≤ 1.5	0.2
6	Lumiflavin (Absorbance of the filtrate at 440nm)		≤ 0.025	0.001
7	Particle Size		95% passes through 80 mesh sieve	passed
8	Residue on Ignition	%	≤ 0.3	0.1
9	Specific Optical Rotation (USP)	°	-115 - -135	-120
10	BSE/TSE Free		BSE/TSE Free	passed
11	Non Animal Origin		Non Animal Origin	passed
12	Country of Origin		Report	China

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