



Sarchem Laboratories, Inc

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CERTIFICATE OF ANALYSIS

Chemical Name	Riboflavin				
CAS No:	83-88-5	Batch No:	SL- 3182	Quantity:	100 Kg
Manufacturer Date:	Nov. 1, 2012	Analysis Date:	Nov. 2, 2012	Reported Date:	Nov 2, 2012
Structure					
Molecular Formula	C ₁₇ H ₂₀ N ₄ O ₆				
Molecular Weight	376.37				
	ANALYSIS CONTENTS	SPECIFICATION		RESULTS	
Product Properties	Appearance Indentification Particle Size Bulk density Specific Rotation Lumiflavin Heavy Metal Arsenic Cadimium Lead Mercury Residual Solvents Loss on Drying (%) Residue on Ignition Assay (on dried basis) MICROBIOLOGY Total Plate Count	Orange yellowish crystalline powder Positive(USP) 100% through 60 mesh (USP<786>) Ca 380 – 430 g/l -115.0°~-135.0° (USP <7815>) ≤0.025@440nm (UV440 nm) ≤ 10 PPM (USP <231>) ≤ 1 PPM (USP <251>) ≤1 PPM ≤0.1 PPM ≤0.1 PPM Negative ≤1.50% (USP <731>) ≤0.30% (USP<281>) 98.00%~102.00% (Fluorementry) ≤1,000 CFU/Gram		Conform Positive 100% passed Conform -122.62° 0.006 <10 PPM <1 PPM <1 PPM <0.1 PPM <0.1 PPM Negative 0.61% 0.12% 100.13% <1,000 CFU/Gram	

	Yeast & Mold Coliforms E. Coli Staph, Aureaus Salmonella	≤100 CFU/Gram ≤10 CFU/Gram Negative Negative Negative	<100 CFU/Gram < 10 CFU/Gram Negative Negative Negative
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Approved By:	S. Kumar
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Any claims, adjustments or returns must be made within 30 days.

