

Item Number	RI103
Item	Riboflavin, USP
CAS Number	83-88-5
Molecular Formula	C ₁₇ H ₂₀ N ₄ O ₆
Molecular Weight	376.36
MDL Number	
Synonyms	Vitamin B2 ; 7,8-Dimethyl-10-(1'-D-ribityl)isoalloxazine

Test	Specification	
	Min	Max
ASSAY (C ₁₇ H ₂₀ N ₄ O ₆)	98.0%	102.0 %
SPECIFIC ROTATION [α] _D	-115° to -135°	
LOSS ON DRYING		1.5 %
RESIDUE ON IGNITION		0.3 %
LUMIFLAVIN		0.025
ELEMENTAL IMPURITIES:		
CADMIUM (Cd)	AS REPORTED	
LEAD (Pb)	AS REPORTED	
ARSENIC (As)	AS REPORTED	
MERCURY (Hg)	AS REPORTED	
IDENTIFICATION	PALE GREENISH YELLOW WITH YELLOWISH-GREEN FLUORESCENCE	
CERTIFIED KOSHER		
CERTIFIED HALAL		
APPEARANCE		
EXPIRATION DATE		
DATE OF MANUFACTURE		
RESIDUAL SOLVENTS	AS REPORTED	
MONOGRAPH EDITION		

Spectrum Chemical Mfg Corp

Corporate Headquarters:	West Coast Facility:
769 Jersey Ave.	14422 S. San Pedro St.
New Brunswick, NJ 08901	Gardena, CA 90248
732.214.1300	310.516.8000