



Product Specification

cdhfinechemical.com

RIBOFLAVIN FOR BIOCHEMISTRY VITAMIN B₂ (FOR LAB USE)

PRODUCT CODE	214725	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(83-88-5)	
ATOMIC OR MOLECULAR FORMULA	C₁₇H₂₀N₄O₆	
ATOMIC OR MOLECULAR WEIGHT	376.37	
PROPERTIES	Slightly soluble in water and alcohols, insoluble in lipid solvents.	
PARAMETER		
LIMIT		
Description	Yellow to orange yellow crystalline powder, odour slight, taste slightly bitter.	
Solubility	Slightly soluble in water, more soluble in saline solution, soluble in dilute solution of alkali hydroxides.	
Assay (HPLC)	98.0 - 102%	
Melting range	About 290 ^o C	
MAXIMUM LIMIT OF IMPURITIES		
Loss on drying (at 105°C)	1.5%	
Sulphated ash	0.1%	
Note(s) : Assay (if applicable) method mentioned.		
WARNING		IMDG Code :--
Hazard statements : Not hazardous. No hazards.		UN No. :--
Precautionary statements		IATA :--
Prevention : -----		
Response : ---		
Disposal : The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.		
Hazard Pictogram(s) :-----		

Replace date 1-June-2023