

(-)-Riboflavin

CMS181

Product Identifier

CAS No.	:	83-88-5
EC No.	:	201-507-1
Molecular Formula	:	C ₁₇ H ₂₀ N ₄ O ₆
Molecular Weight	:	376.36
Synonym	:	Vitamin B ₂
HS Code	:	2936 23 10
Storage	:	Below 30°C
Shelf life	:	3 years

Technical Specification

Appearance	:	Yellow to orange powder
Solubility	:	33.3 mg soluble in 1 mL of 0.1N sodium hydroxide solution
FTIR	:	Matches with the standard pattern
Specific rotation	:	-135° to -115° (c = 0.5% in 0.05 M NaOH, on dried substance, at 25°C)
Loss on drying (at 105°C, 2hr)	:	<= 1.5%
Assay (UV, on dry basis)	:	97.00 - 103.00%

Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	VJ1400000
WGK	:	1