

### Technical Information

#### (-)-Riboflavin Plant Culture Tested

#### Product Code: PCT1214

#### Product Information

Product Code	:	PCT1214
Product Name	:	(-)-Riboflavin, Plant Culture Tested
Synonym	:	Vitamin B2
Molecular Formula	:	C <sub>17</sub> H <sub>20</sub> N <sub>4</sub> O <sub>6</sub>
Molecular Weight	:	376.36
CAS No.	:	83-88-5

#### Technical Specification

Appearance	:	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.
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%
Minimum assay (HPLC, on dry basis)	:	99.0%
Plant Culture Tested	:	Passes test

#### Risk and Safety Information

UN No.	:	Not Dangerous Goods
Class	:	--
Packing Group	:	--
WGK	:	1
RTECS	:	VJ140000
Storage Temperature(°C)	:	Store at 30°C

#### Transport Information

Marine Pollutant	:	No
ADR/RID	:	Not Dangerous Goods
IMDG	:	Not Dangerous Goods
IATA	:	Not Dangerous Goods

#### Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at CDH is true and accurate.
- Central Drug House Pvt. Ltd. reserves the right to make changes to specifications and information related to the products at any time.
- Products are not intended for human or animal diagnostic or therapeutic use but for laboratory, research or further manufacturing of diagnostic reagents extra.
- Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.
- Do not use the products if it fails to meet specifications for identity and performance parameters.

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