

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	: $C_{17}H_{20}N_4O_6$
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 (c = 0.5% in 0.05 M NaOH, on dried substance, at 25°C)	: -135° to -115°
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.

Replace date 11-Feb-2026