

## Technical Information

### (-)-Riboflavin

Meets USP 41-NF 36, EP 9.0, JP 17 and BP 2016 testing specifications

Product Code:TC1167M

#### Product Information

Product Code	: TC1167M
Product Name	: (-)-Riboflavin Meets USP 41-NF 36, EP 9.0, JP 17 and BP 2016 testing Specifications
Synonym	: Vitamin G, 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.
Minimum assay (HPLC, on dry basis)	: 98.00 %
pH (0.001% solution in water)	: 5.00 -7.00
Specific rotation (c = 0.5% in 0.05 M NaOH, on dried substance, at 25°C)	: -135° to -115°
Loss on drying (105°C; 2 hr)	: <= 1.5%
Residue on Ignition	: <= 0.3%
Cell Culture Test	: Passes test

#### Risk And Safety Information

WGK	: --
RTECS	: --
Storage Temperature(°C)	: Store below 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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