

## 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	: $C_{17}H_{20}N_4O_6$
Molecular Weight	: 376.36
CAS No.	: 83-88-5

### Technical Specification

Appearance	: Yellow to orange powder.
Solubility	: Yellow solution at 1mg in 100ml of water.
Minimum assay (HPLC)	: 98.00 %
pH (0.001% solution in water)	: 5.00 -7.00
Specific optical rotation ( $\alpha$ ) <sup>20</sup> <sub>D</sub>	: -115° to -135°
Loss on drying (105°C; 1 h)	: <= 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.
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- Do not use the products if it fails to meet specifications for identity and performance parameters.