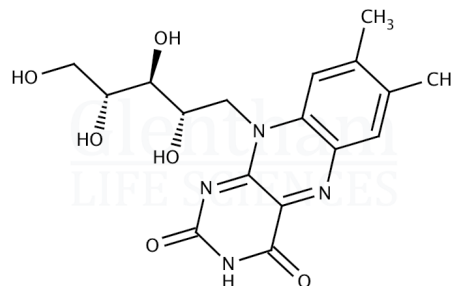


## Certificate of Analysis

Product Name Riboflavin, USP grade  
Glentham Code GP0758  
CAS Number 83-88-5  
EINECS 201-507-1  
Numéro MDL MFCD00005022  
PubChem SID 310279705  
Batch Number 977LME

Molecular Weight 376.37  
Molecular Formula  $C_{17}H_{20}N_4O_6$   
Storage Temp. +4°C



| Property                       | Specification                       | Batch 977LME              |
|--------------------------------|-------------------------------------|---------------------------|
| Physical Description           | Orange or yellow crystalline powder | Orange crystalline powder |
| Identification                 | According to USP                    | Conforms                  |
| Specific Optical Rotation      | -135 - -115 ° (dried basis)         | -129°                     |
| Lumiflavin                     | ≤ 0.025 (absorbance at 440nm)       | 0.007                     |
| Residue on Ignition            | ≤ 0.3%                              | 0.06%                     |
| Loss on Drying                 | ≤ 1.5%                              | 0.51%                     |
| Assay                          | 98.0 - 102.0 % (dried basis)        | 100.0%                    |
| Pharmacopoeia Specification(s) | USP                                 | Conforms                  |

Specification Version v1.0  
Manufacture Date 2021-03-20  
Re-Test Date 2029-06-18

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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