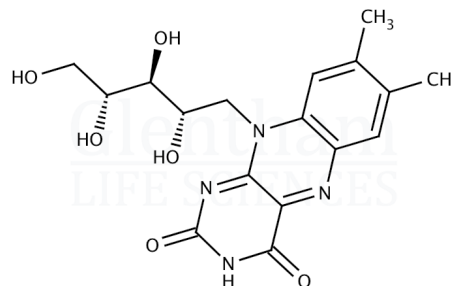


Certificate of Analysis

Product Name Riboflavin, USP grade
Glentham Code GP0758
CAS Number 83-88-5
EINECS 201-507-1
MDL Number 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 or contact us using the details above for the current version of this document.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024