



CERTIFICATE OF ANALYSIS

Product Name	:	RIBOFLAVIN 99% FOR BIOCHEMISTRY
Cas No.	:	83-88-5
Code No.	:	02256
Batch No.	:	PC05230521
Mfg. Date	:	MAY-2023
Date Of Analysis	:	31/05/2023
Retest Date	:	APR-2028

TEST	SPECIFICATION	RESULT
Appearance	A yellow to orange yellow crystalline powder	Orange yellow powder
Solubility	Very slightly soluble in water, practically insoluble in ethanol (96 per cent)	Complies
Assay (spectrophotometric; on dried basis)	98 - 101%	99.23%
Identification 'A' & 'B'	To pass IP tests	Complies
pH	5.5 to 7.2	6.34
Specific optical rotation	-115° to -135°	-128°
Light absorption	-	-
at A373 nm/A267 nm	0.31 - 0.33	0.32
at A444 nm/A267 nm	0.36 - 0.39	0.38
Lumiflavine	To pass IP test	Complies
Loss on drying (at 105°C)	Max 1.5%	0.60%
Sulphated ash	Max 0.1%	0.05%

REMARK : This product complies as per the specifications of **Pallav Chemicals & Solvents Pvt. Ltd.**

This is an electronically generated Certificate and is valid without a signature.

For Issues relating to Quality you may send us a mail on sales@pallavchemicals.com or call on **022 4928 4000**

Website: www.pallavchemicals.com