



**Pallav Chemicals & Solvents Pvt. Ltd**

Manufacturers of Laboratory Fine Chemicals

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Factory: N-226 Near Kumbhavali Naka, Tarapur MIDC, Boisar - 401506. • Email: sales@pallavchemicals.com

## **CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	<b>:</b>	<b>RIBOFLAVIN</b>
<b>Code No.</b>	<b>:</b>	<b>02256</b>
<b>Batch No.</b>	<b>:</b>	<b>PC/0598/19-2</b>
<b>Mfg. Date</b>	<b>:</b>	<b>SEPTEMBER - 2019</b>
<b>Date Of Analysis</b>	<b>:</b>	<b>22/09/2019</b>
<b>Retest Date</b>	<b>:</b>	<b>AUGUST - 2024</b>

<b>TEST</b>	<b>SPECIFICATION</b>	<b>RESULT</b>
Appearance	Orange yellow powder	Orange yellow powder
Assay (spectrophotometric; on anhydrous basis)	99 - 101%	99.34%
Appearance of solution	Passes test	Passes test
Specific optical rotation ( $[\alpha]_{20/D}$ )	-135° to -128°	-133°
Relative absorption		
at A373 nm/A267 nm	0.31 - 0.33	0.32
at A444 nm/A267 nm	0.36 - 0.39	0.37
Lumiflavine	Passes test	Passes test
Loss on drying (at 105°C)	Max 1.5%	1.08%
Sulphated ash	Max 0.1%	0.06%

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](mailto:sales@pallavchemicals.com) or call on **022 4928 4000**

Website: [www.pallavchemicals.com](http://www.pallavchemicals.com)