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## Certificate of Analysis

<b>Product</b>	<b>34392 - Riboflavin pure, 98% - [83-88-5]</b>
<b>Batch No</b>	<b>1668287</b>
<b>Analysis Date</b>	04-Mar-2024
<b>Date of Manufacture</b>	March 2024
<b>Expiry Date/Re-Test Date</b>	March 2029
<b>Molecular Formula</b>	C17H20N4O6
<b>Molecular Weight</b>	376.37

Test Parameters	Standards	Actual Results
Appearance (Colour)	Orange yellow	Orange yellow
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 2% solution in 0.5N NaOH	Clear	Clear
Solubility (Colour) 2% solution in 0.5N NaOH	Orange	Orange
Assay (UV)	min. 98%	98.2%
Loss on drying	max. 1.5%	0.43%
Sulphated Ash	max. 0.1%	0.06%
Spectral ratio		
A444nm/A267nm	0.36 - 0.39	0.38
A375nm/A267nm	0.31 - 0.33	0.32

FRM/82/11/4/34392 Rev No. 2 Date 05/07/2022

Prepared by **Dhanashree**

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Taloja – 410 208, Maharashtra, India

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