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Certificate of Analysis

Product	57443 - Riboflavine-5-Phosphate Disodium Salt extrapure, 73-79% - [130-40-5]
Batch No	5363373
Analysis Date	12-May-2024
Date of Manufacture	May 2024
Expiry Date/Re-Test Date	May 2029
Molecular Formula	C ₁₇ H ₂₀ N ₄ O ₉ PNa
Molecular Weight	478.33

Test Parameters	Standards	Actual Results
Appearance (Colour)	Yellow to orange	Orange
Appearance (Form)	Crystalline powder	Crystalline powder
pH (1% aq. solution)	5 to 6.5	5.9
Assay (UV)	73.0 - 79.0% (on dried basis)	77.5%
Loss on drying	max. 7.5%	2.2%
Residue on ignition	max. 25%	22.2%
Specific rotation @25°C (C=1.5, 5N HCl)	+37.0° to +42.0°	+38.426°

FRM/82/11/4/57443 Rev No. 2 Date 27/03/2024

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

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

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
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