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## Certificate of Analysis

<b>Product</b>	<b>56605 - Eosin Blue (C.I. No. 45400), 85% - [548-24-3]</b>
<b>Batch No</b>	<b>9320552</b>
<b>Analysis Date</b>	17-Mar-2024
<b>Date of Manufacture</b>	March 2024
<b>Expiry Date/Re-Test Date</b>	March 2029
<b>Molecular Formula</b>	C <sub>20</sub> H <sub>6</sub> Br <sub>2</sub> N <sub>2</sub> Na <sub>2</sub> O <sub>9</sub>
<b>Molecular Weight</b>	624.06

Test Parameters	Standards	Actual Results
Appearance (Colour)	Dark Green	Dark Green
Appearance (Form)	Crystalline Powder	Crystalline Powder
Assay (UV) on dry basis	min. 85%	89.0%
Molar Extinction coefficient ( $\epsilon$ )	min. 800	835
Loss on drying at 105°C	max. 8%	6.1%

FRM/82/11/4/56605 Rev No. 1 Date 30/01/2024

Prepared by Yogesh

In compliance with the standard specifications of SRL

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

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