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## Certificate of Analysis

<b>Product</b>	<b>93079 - Ethidium Bromide for molecular biology, 95% - [1239-45-8]</b>
<b>Batch No</b>	<b>1071432</b>
<b>Analysis Date</b>	22-Jun-2022
<b>Date of Manufacture</b>	June 2022
<b>Expiry Date/Re-Test Date</b>	June 2027
<b>Molecular Formula</b>	C <sub>21</sub> H <sub>20</sub> N <sub>3</sub> Br
<b>Molecular Weight</b>	394.32

Test Parameters	Standards	Actual Results
Appearance (Colour)	Red	Red
Appearance (Form)	Crystalline Powder	Crystalline Powder
Solubility (Turbidity) 0.5% aq. solution	Clear	Clear
Solubility (Colour) 0.5% aq. solution	Red	Red
Assay (UV)	min.95%	98.5%
A 1% aq.	140 - 160	142
lambda max	478nm - 482nm	480nm
DNase, RNase, Protease	Not detected	Not detected

FRM/82/11/4/93079 Rev No. 2 Date 02/05/2022

Prepared by **Dhanashree**

In compliance with the standard specifications of SRL

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

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