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## Certificate of Analysis

<b>Product</b>	<b>24000 - Toluidine Blue O for cell culture, Endotoxin (BET) 0.05EU/mg - [92-31-9]</b>
<b>Batch No</b>	<b>3828042</b>
<b>Analysis Date</b>	19-Oct-2022
<b>Date of Manufacture</b>	October 2022
<b>Expiry Date/Re-Test Date</b>	October 2027
<b>Molecular Formula</b>	C <sub>15</sub> H <sub>16</sub> ClN <sub>3</sub> S
<b>Molecular Weight</b>	305.83

Test Parameters	Standards	Actual Results
Appearance (Colour)	Dark greenish	Dark greenish
Appearance (Form)	Powder	Powder
Loss on drying	max. 8%	2.5%
Absorbance (A) of 1% aq. solution in a 1cm cell v/s H <sub>2</sub> O		
@630nm	min. 1400	1413
Suitability as a stain for microscopy	Passes test	Passes
Bacterial Endotoxin Test (BET) (EU/mg = IU/mg)	<0.05 EU/mg	Passes
Suitability for Cell Culture	Passes test	Passes

FRM/82/11/4/24000 Rev No. 2 Date 10/09/2022

Prepared by Amruta

In compliance with the standard specifications of SRL

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

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