



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : BLUE TETRAZOLIUM FOR MICROSCOPY AR**  
(Blue Tetrazolium chloride)

|                         |                                                                               |                     |                       |
|-------------------------|-------------------------------------------------------------------------------|---------------------|-----------------------|
| <b>CAS No</b>           | <b>: 1871-22-3</b>                                                            | <b>Product code</b> | <b>: 31260</b>        |
| <b>Mol. Formula</b>     | <b>: C<sub>40</sub>H<sub>32</sub>N<sub>8</sub>O<sub>2</sub>Cl<sub>2</sub></b> | <b>Batch No.</b>    | <b>: MCR-22944-01</b> |
| <b>Mol. WT</b>          | <b>: 727.66</b>                                                               | <b>Mfd.</b>         | <b>: Sept. 2022</b>   |
| <b>Date of analysis</b> | <b>: 08/09/22</b>                                                             | <b>Exp.</b>         | <b>: Aug. 2027</b>    |

| S. R | Test                              | Specification                                        | Observation          |
|------|-----------------------------------|------------------------------------------------------|----------------------|
| 1    | Description                       | Lemon yellow to yellow powder or crystalline powder. | Lemon yellow powder. |
| 2    | Assay (on dried material) (ex Cl) | 95% min                                              | 96.24%               |
| 3    | Absorption maxima (in ethanol)    | 248 – 256 nm                                         | 253.6 nm             |
| 4    | Sulphated ash                     | 0.2% max                                             | 0.08%                |

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

**HEAD-QUALITY ASSUARANCE**  
(G.G.Salian)

**Note:** Computer generated image requires no sign.

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