

## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : AZUR II EOSINE FOR MICROSCOPY**  
(AZURE II EOSINATE)

**CAS No : 53092-85-6**

**Date of analysis : 18/12/23**

**Mfd. : Dec. 2023**

**Product code : 31113**

**Batch No : MCR-29858**

**Exp. : Nov. 2028**

| S.R | Test                                                                                                | Specification                 | Observation       |
|-----|-----------------------------------------------------------------------------------------------------|-------------------------------|-------------------|
| 1   | <b>Description</b>                                                                                  | Dark green to blackish powder | Dark green powder |
| 2   | <b>Absorption maxima in methanol (<math>\lambda_{\max 1}</math>)</b>                                | 645 - 655 nm                  | 646 nm            |
| 3   | <b>Absorption maxima in methanol (<math>\lambda_{\max 2}</math>)</b>                                | 520 - 525 nm                  | 525 nm            |
| 4   | <b>Absorptivity (A 1%/1cm; at (<math>\lambda_{\max 1}</math>; in methanol; on dried substances)</b> | min 1250                      | 1281.80           |
| 5   | <b>Absorptivity (A 1%/1cm; at (<math>\lambda_{\max 2}</math>; in methanol; on dried substances)</b> | min 400                       | 804.31            |
| 6   | <b>Loss on drying at 110°C</b>                                                                      | max. 10 %                     | 5.66%             |

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST**  
**(Ruchi)**

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

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

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