



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : INDIGO CARMINE AR**

**CAS No** : 860-22-0  
**Mol. Formula** :  $C_{16}H_8N_2Na_2O_8S_2$   
**Mol. WT** : 466.36  
**Date Analysis** : 20/10/18

**Product code** : 23650  
**Batch No** : MCR-17142  
**Mfd.** : Oct. 2018  
**Exp.** : Sept. 2023

| S. R | Test                                                    | Specification                                 | Observation      |
|------|---------------------------------------------------------|-----------------------------------------------|------------------|
| 1    | Description                                             | Dark blue or violet or purple coloured powder | Dark blue powder |
| 2    | Absorption maxima ( $\lambda_{max}$ water)              | 608-612nm                                     | 609.20nm         |
| 3    | Absorptivity (A 1% /1cm $\lambda_{max}$ ; 0.001%;water) | 380-475                                       | 469.06           |
| 4    | Loss on drying (110 <sup>0</sup> C)                     | 10% max                                       | 3.25%            |
| 5    | Suitability for microscopy                              | Passes test                                   | Passes test      |

**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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