



## **CERTIFICATE OF ANALYSIS**

Date: 11/10/17

**PRODUCT NAME : ALIZARINE RED S LR**  
(Sodium Alizarine sulphonate)

**CAS No** : 130- 22- 3  
**Mol. Formula** :  $C_{14}H_7NaO_7S$   
**Mol. WT** : 342.26  
**Exp.** : Sept. 2022

**Product code** : 11460  
**Batch No** : MCR-10484-01  
**Mfd.** : Oct. 2017

| S. R | Test                                                                                                            | Specification                                      | Observation                                        |
|------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------|
| 1    | <b>Absorption max.<br/>(in 0.1M NaOH)</b>                                                                       | 593 - 619 nm                                       | 601nm                                              |
| 2    | <b>pH transition range :</b><br><b>1. Transition range pH 4.3-6.3</b><br><b>2. Transition range pH 9.4-12.0</b> | brilliant yellow to pink<br>brown orange to violet | brilliant yellow to pink<br>brown orange to violet |

**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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