



## CERTIFICATE OF ANALYSIS

Date: 19/03/18

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

**CAS No** : 130- 22- 3  
**Mol. Formula** : C<sub>14</sub>H<sub>7</sub>NaO<sub>7</sub>S  
**Mol. WT** : 342.26  
**Exp.** : Feb. 2023

**Product code** : 21320  
**Batch No** : MCR-15777  
**Mfd.** : March 2018

S. R	Test	Specification	Observation
1	Dye content (by spectrophotometry on dried substance)	70% min.	70.20%
2	<b>pH transition range :</b> <b>1. Transition range pH 4.3-6.3</b> <b>2. Transition range pH 9.4-12.0</b>	brilliant yellow to pink  brown orange to violet	brilliant yellow to pink  brown orange to violet
3	Absorption maxima(in 0.1N NaOH)	593 - 619 nm	594.7 nm

**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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