



## CERTIFICATE OF ANALYSIS

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

<b>CAS No</b>	<b>: 130- 22- 3</b>	<b>Product code</b>	<b>: 11460</b>
<b>Mol. Formula</b>	<b>: C<sub>14</sub>H<sub>7</sub>NaO<sub>7</sub>S</b>	<b>Batch No</b>	<b>: MCR-28646</b>
<b>Mol. WT</b>	<b>: 342.26</b>	<b>Mfd.</b>	<b>: July 2023</b>
<b>Date of analysis</b>	<b>: 01/07/23</b>	<b>Exp.</b>	<b>: June 2028</b>

S.R	Test	Specification	Observation
1	<b>Description</b>	Red or Orange or orange yellow or brown colour powder	Brown colour powder.
2	<b>Absorption maxima (in 0.1N NaOH)</b>	593 - 619 nm	595.2nm
3	<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

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST**  
**(Nikita)**

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

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

**MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)**  
**Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : [info@molychem.net](mailto:info@molychem.net)**  
**Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,**  
**Kulgaon, Badlapur (E), Dist.-Thane-421 503**