

CERTIFICATE OF ANALYSIS

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

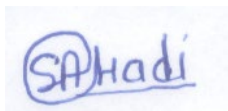
CAS No : 130-22-3
Mol. Formula : $C_{14}H_7NaO_7S$
Mol. WT : 342.26
Date of analysis : 29/01/25

Product code : 21320
Batch No : MCR-15777-03
Mfd. : Jan. 2025
Exp. : Dec. 2029

S.R	Test	Specification	Observation
1	Description	Red or Orange or orange yellow or brown colour powder.	Brownish orange powder.
2	Dye content (by spectrophotometry on dried substance)	70% min.	70.20%
3	pH transition range : 1. Transition range pH 4.3-6.3 2. Transition range pH 9.4-12.0	Brilliant yellow to pink Brown orange to violet	Brilliant yellow to pink Brown orange to violet
4	Absorption maxima (in 0.1N NaOH)	593 - 619 nm	594.50nm

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Sonu)**



[QC Incharge]



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

MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.