



CERTIFICATE OF ANALYSIS

PRODUCT NAME : CONGO RED INDICATOR FOR MICROSCOPY

CAS No : 573-58-0
Mol. Formula : $C_{32}H_{22}N_6Na_2O_6S_2$
Mol. wt : 696.65
Date of analysis : 26/09/22

Product code : 31440
Batch No : MCR-26607
Mfd. : Sept. 2022
Exp. : Aug. 2027

S.R	Test	Specification	Observation
1	Description	Reddish brown or dark red or dark brown powder.	Reddish brown powder.
2	Transition interval from pH 3.0 – 5.2	Violet to orange red	Violet to orange red
3	Specific Absorptivity A 1%/1cm λ_{max} at 563-568 nm in buffer pH 3.0(0.001%)	NLT 150	155.63
4	Specific Absorptivity A 1%/1cm λ_{max} at 484-489 nm in buffer pH 5.2 (0.001%)	NLT 200	213.44
5	Loss on drying at 105° C	5% max.	1.41%

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.

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