



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 : 26/12/22

Product code : 31440
Batch No : MCR-27258
Mfd. : Dec. 2022
Exp. : Nov. 2027

S.R	Test	Specification	Observation
1	Description	Reddish brown or dark red or dark brown powder.	Dark red 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	180.56
4	Specific Absorptivity A 1%/1cm λ_{max} at 484-489 nm in buffer pH 5.2 (0.001%)	NLT 200	224.21
5	Loss on drying at 105° C	5% max.	1.23%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

CHEMIST
(Asmita)

[QC Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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