



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 : 26/07/23

Product code : 31440

Batch No : MCR-28876

Mfd. : July 2023

Exp. : June 2028

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	181.41
4	Specific Absorptivity A 1%/1cm λ_{max} at 484-489 nm in buffer pH 5.2 (0.001%)	NLT 200	226.59
5	Loss on drying at 105° C	5% max.	1.25%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Jyoti)**

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

Note: Computer generated image requires no sign.

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