



CERTIFICATE OF ANALYSIS

PRODUCT NAME : CONGO RED INDICATOR FOR MICROSCOPY

CAS No	: 573-58-0	Product code	: 31440
Mol. Formula	: C₃₂H₂₂N₆Na₂O₆S₂	Batch No	: MCR-24938
Mol. wt	: 696.65	Mfd.	: Jan. 2022
Date of analysis	: 29/01/22	Exp.	: Dec. 2026

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	153.69
4	Specific Absorptivity A 1%/1cm λ_{max} at 484-489 nm in buffer pH 5.2 (0.001%)	NLT 200	225.55
5	Loss on drying at 105° C	5% max.	0.67%

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.

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