



CERTIFICATE OF ANALYSIS

Date: 22/02/17

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
Exp. : Jan. 2022

Product code : 31440
Batch No : MCR- 13246
Mfd. : Feb. 2017

S.R	Test	Specification	Observation
1	Transition interval from pH 3.0 – 5.2	Violet to orange red	Violet to orange red
2	Specific Absorptivity A 1%/1cm λ_{max} at 563-568 nm in buffer pH 3.0(0.001%)	NLT 150	158.60
3	Specific Absorptivity A 1%/1cm λ_{max} at 484-489 nm in buffer pH 5.2 (0.001%)	NLT 200	399.21
4	Loss on drying at 105 $^{\circ}$ C	5% max.	0.13%

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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