



## **CERTIFICATE OF ANALYSIS**

Date: 21/04/13

**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

Product code : 31440  
Batch No : MCR-6626  
Mfd. : April 2013

| 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 $\lambda_{max}$ at 563-568 nm in buffer pH 3.0(0.001 % ) | NLT 150              | 257.55               |
| 3    | Specific Absorptivity A 1%/1cm $\lambda_{max}$ at 484-489 nm in buffer pH 5.2 (0.001%)  | NLT 200              | 454.73               |
| 4    | Loss on drying at 105° C                                                                | 5% max.              | 4.95%                |

**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.