



## **CERTIFICATE OF ANALYSIS**

**Date:** 27/01/13

**PRODUCT NAME :** NEUTRAL RED INDICATOR GR

**CAS No** : 553- 24- 2

**Mol. Formula** :  $C_{15}H_{17}ClN_4$

**Mol. WT** : 288.78

**Product code** : 32020

**Batch No** : MCR-6252

**Mfd.** : Jan. 2013

| S. R | Test                                                               | Specification              | Observation                |
|------|--------------------------------------------------------------------|----------------------------|----------------------------|
| 1    | Absorption maxima<br>(in 50% ethanol +<br>2ml acetic acid )        | 539 - 544 nm               | 541.10 nm                  |
| 2    | Absorptivity (A<br>1%,1cm in 50%<br>ethanol + 2ml acetic<br>acid ) | 900 min.                   | 996                        |
| 3    | Transition range<br>from pH 6.8-8.0                                | Violet red - orange yellow | Violet red – orange yellow |
| 4    | Loss on drying at<br>110 <sup>0</sup> C                            | 12% max.                   | 6.26%                      |

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[Q.C Incharge]**

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

**Note:** Computer generated image requires no sign.

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