



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : QUINALDINE RED INDICATOR**

**CAS No : 117- 92- 0**

**Mol. Formula : C<sub>21</sub>H<sub>23</sub>IN<sub>2</sub>**

**Mol. WT : 430.32**

**Date of analysis : 28/01/23**

**Product code : 32170**

**Batch No : MCR- 27539**

**Mfd. : Jan. 2023**

**Exp. : Dec. 2027**

| S. R | Test                                                                               | Specification                               | Observation               |
|------|------------------------------------------------------------------------------------|---------------------------------------------|---------------------------|
| 1    | Description                                                                        | Blackish green or dark green colour powder. | Dark green colour powder. |
| 2    | Absorption maxima                                                                  | 528 - 533 nm                                | 529.9nm                   |
| 3    | Absorptivity (A 1% 1 cm, $\lambda_{\max}$ glacial acetic acid, on dried substance) | 1150 - 1250                                 | 1245                      |
| 4    | Water                                                                              | 5% max                                      | 3.12%                     |
| 5    | Suitability as indicator                                                           | Passes test                                 | Passes test               |
| 6    | Transition range from pH 1.4 - 3.2                                                 | Colourless to red                           | Colourless to red         |

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

**[Tested By]**

**CHEMIST  
(Priyanka)**

**[QC Incharge]**

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

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

**MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)**

**Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : [info@molychem.net](mailto:info@molychem.net)**

**Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503**