



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : P-NITROPHENOL INDICATOR AR**

**CAS No : 100-02-7**

**Mol. Formula : C<sub>6</sub>H<sub>5</sub>NO<sub>3</sub>**

**Mol. WT : 139.11**

**Date of analysis : 17/06/23**

**Product code : 32048**

**Batch No. : MCR-28531**

**Mfd. : June 2023**

**Exp. : May 2028**

| S.R | Test                                      | Specification                                                                                                 | Observation            |
|-----|-------------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------------|
| 1   | <b>Description</b>                        | Faint yellow to yellow, beigh or yellowish brown powder , crystals , chunks , granular or crystalline powder. | Faint yellow crystals. |
| 2   | <b>Transition range from pH 5.4 – 7.5</b> | Colourless to Yellow                                                                                          | Colourless to Yellow   |
| 3   | <b>Melting point</b>                      | 110 - 114°C                                                                                                   | 113.1°C                |
| 4   | <b>Absorption maxima : buffer pH 5.4</b>  | 316 - 320 nm                                                                                                  | 319.7nm                |
| 5   | <b>Absorption maxima : buffer pH 7.5</b>  | 398 - 402 nm                                                                                                  | 401.0 nm               |

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Asmita)**

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

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

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