

## CERTIFICATE OF ANALYSIS

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

<b>CAS No</b>	<b>: 100-02-7</b>	<b>Product code</b>	<b>: 32048</b>
<b>Mol. Formula</b>	<b>: C<sub>6</sub>H<sub>5</sub>NO<sub>3</sub></b>	<b>Batch No.</b>	<b>: MCR-25852-01</b>
<b>Mol. WT</b>	<b>: 139.11</b>	<b>Mfd.</b>	<b>: Nov. 2023</b>
<b>Date of analysis</b>	<b>: 22/11/23</b>	<b>Exp.</b>	<b>: Oct. 2028</b>

S.R	Test	Specification	Observation
1	<b>Description</b>	Faint yellow to yellow, beige 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	113.4°C
4	<b>Absorption maxima : buffer pH 5.4</b>	316 - 320 nm	319.4nm
5	<b>Absorption maxima : buffer pH 7.5</b>	398 - 402 nm	400.2 nm

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

**[Tested By]**

**CHEMIST  
(Jyoti)**

**[QC Incharge]**

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

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

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