

## CERTIFICATE OF ANALYSIS

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

<b>CAS No</b>	: 100-02-7	<b>Product code</b>	: 32048
<b>Mol. Formula</b>	: C <sub>6</sub> H <sub>5</sub> NO <sub>3</sub>	<b>Batch No.</b>	: MCR-31278
<b>Mol. WT</b>	: 139.11	<b>Mfd.</b>	: June 2024
<b>Date of analysis</b>	: 20/06/24	<b>Exp.</b>	: May 2029

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	112.4°C
4	<b>Absorption maxima : buffer pH 5.4</b>	316 - 320 nm	317.50nm
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]**



**CHEMIST  
(Sonu)**

**[QC Incharge]**



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

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