



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : PHENOLPHTHALEIN (INDICATOR)**

<b>CAS No</b>	<b>: 77- 09- 8</b>	<b>Product code:</b>	<b>32160</b>
<b>Mol. Formula</b>	<b>: C<sub>20</sub>H<sub>14</sub>O<sub>4</sub></b>	<b>Batch No</b>	<b>: MCR-28549</b>
<b>Mol. WT</b>	<b>: 318.33</b>	<b>Mfd.</b>	<b>: June 2023</b>
<b>Date of analysis</b>	<b>: 18/06/23</b>	<b>Exp.</b>	<b>: May 2028</b>

S.R	Test	Specification	Observation
1	Description	Almost white or off white or yellowish white coloured powder.	Yellowish white coloured powder.
2	Melting point	258 – 261°C	260.6°C
3	Transition interval from pH 8.3 – 10.0	Very light pink to violet red	Very light pink to violet red
4	Specific Absorptivity A 1%/1cmλ <sub>max</sub> at 551-554 nm in buffer pH 9.8	580 - 752	721.34
5	Loss on Drying at 105°C	1% max	0.36%
6	Sulphated Ash	0.05% max	0.03%
7	Chloride (Cl)	0.01% max	< 0.01%
8	Sulphate (SO <sub>4</sub> )	0.01% max	< 0.01%

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Jyoti)**

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

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

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