

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : PHENOL AR**

**CAS No : 108-95-2**

**Mol. Formula : C<sub>6</sub>H<sub>5</sub>OH**

**Mol. WT : 94.11**

**Date of analysis : 05/05/25**

**Product code : 24680**

**Batch No : MCAR-01530**

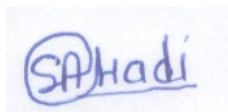
**Mfd. : May 2025**

**Exp. : April 2030**

| S.R | Test                       | Specification                                                                                                  | Observation                                                  |
|-----|----------------------------|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| 1   | <b>Description</b>         | Colourless hygroscopic crystals with a characteristic odour. Phenol becomes pink on exposure to air and light. | Colourless hygroscopic crystals with a characteristic odour. |
| 2   | <b>Assay (by GC)</b>       | 99.5% min                                                                                                      | 99.98%                                                       |
| 3   | <b>Freezing point</b>      | 40.0 - 41.0°C                                                                                                  | 40.0°C                                                       |
| 4   | <b>Insoluble matter</b>    | 0.005% max.                                                                                                    | 0.003%                                                       |
| 5   | <b>Acidity</b>             | 0.04 ml N% max.                                                                                                | <0.04 ml N%                                                  |
| 6   | <b>Alkalinity</b>          | 0.04 ml N% max.                                                                                                | <0.04 ml N%                                                  |
| 7   | <b>Non-volatile matter</b> | 0.02% max.                                                                                                     | 0.01%                                                        |
| 8   | <b>Chloride (Cl)</b>       | 0.0005% max.                                                                                                   | <0.0005%                                                     |
| 9   | <b>Iron (Fe)</b>           | 0.0001% max.                                                                                                   | <0.0001%                                                     |
| 10  | <b>Lead (Pb)</b>           | 0.001% max.                                                                                                    | <0.001%                                                      |

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

**[Tested By]**



**CHEMIST  
(Sonu)**



**[QC Incharge]**



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

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