



## **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 : 09/11/22**

**Product code : 24680**  
**Batch No. : MCRT-25706-01**  
**Mfd. : Nov. 2022**  
**Exp. : Oct. 2027**

| S. R | Test                | Specification                                                                                                  | Observation                                                  |
|------|---------------------|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| 1    | Description         | Colourless hygroscopic crystals with a characteristic odour. Phenol becomes pink on exposure to air and light. | Colourless hygroscopic crystals with a characteristic odour. |
| 2    | Assay (by G.C.)     | 99.5% min                                                                                                      | 99.98%                                                       |
| 3    | Freezing point      | 40.0 - 41.0 <sup>0</sup> C                                                                                     | 40.4 <sup>0</sup> C                                          |
| 4    | Insoluble matter    | 0.005% max.                                                                                                    | 0.002%                                                       |
| 5    | Acidity             | 0.04 ml N% max.                                                                                                | <0.04 ml N%                                                  |
| 6    | Alkalinity          | 0.04 ml N% max.                                                                                                | <0.04 ml N%                                                  |
| 7    | Non-volatile matter | 0.02% max.                                                                                                     | 0.01%                                                        |
| 8    | Chloride (Cl)       | 0.0005% max.                                                                                                   | <0.0005%                                                     |
| 9    | Iron (Fe)           | 0.0001% max.                                                                                                   | <0.0001%                                                     |
| 10   | Lead (Pb)           | 0.001% max.                                                                                                    | <0.001%                                                      |

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

**[Tested By]**

**CHEMIST  
(Deepa)**

**[QC Incharge]**

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

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

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