

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : HYDROQUINONE AR**  
(Quinol)

**CAS No : 123-31-9**  
**Mol. Formula : C<sub>6</sub>H<sub>6</sub>O<sub>2</sub>**  
**Mol. WT : 110.11**  
**Date of analysis : 15/06/24**

**Product code : 23580**  
**Batch No. : MCAR-00269**  
**Mfd. : June 2024**  
**Exp. : May 2029**

| S.R | Test                             | Specification                             | Observation               |
|-----|----------------------------------|---|---------------------------|
| 1   | <b>Description</b>               | White or almost white crystalline powder. | White crystalline powder. |
| 2   | <b>Assay</b>                     | 99.0% min                                 | 99.85%                    |
| 3   | <b>Melting Point</b>             | 171 – 175 <sup>0</sup> C                  | 172.3 <sup>0</sup> C      |
| 4   | <b>Insoluble matter</b>          | 0.005% max                                | 0.002%                    |
| 5   | <b>Sulphated Ash</b>             | 0.02% max                                 | 0.01%                     |
| 6   | <b>Sulphate (SO<sub>4</sub>)</b> | 0.02% max                                 | < 0.02%                   |
| 7   | <b>Copper (Cu)</b>               | 0.01% max                                 | < 0.01%                   |
| 8   | <b>Iron (Fe)</b>                 | 0.001% max                                | < 0.001%                  |
| 9   | <b>Lead (Pb)</b>                 | 0.001% max                                | < 0.001%                  |
| 10  | <b>Catechol</b>                  | 0.02% max                                 | < 0.02%                   |

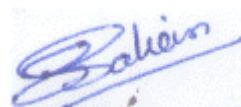
**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**



**CHEMIST**  
**(Asmita)**

**[QC Incharge]**



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

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