



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : BENZOIC ACID AR**

**CAS No : 65-85-0**  
**Mol. Formula : C<sub>7</sub>H<sub>6</sub>O<sub>2</sub>**  
**Mol. WT : 122.12**  
**Date of analysis : 17/07/23**

**Product code : 22260**  
**Batch No : MCRT-28803**  
**Mfd. : July 2023**  
**Exp. : June 2028**

| S.R | Test                                 | Specification                                 | Observation              |
|-----|--------------------------------------|-----------------------------------------------|--------------------------|
| 1   | Description                          | White crystalline powder or powder or flakes. | White crystalline powder |
| 2   | Assay (acidimetry)                   | 99.9 % w/w min                                | 99.96%w/w                |
| 3   | Melting Point                        | 121.5-123.5°C                                 | 122.5°C                  |
| 4   | Subst. insoluble in ammonia solution | 0.005 % max                                   | 0.002%                   |
| 5   | Methanol insoluble matter            | 0.005 % max                                   | 0.004%                   |
| 6   | Sulphated ash                        | 0.02% max                                     | 0.017%                   |
| 7   | Chloride (Cl)                        | 0.0005% max                                   | <0.0005%                 |
| 8   | Chlorine compounds (Cl)              | 0.01% max                                     | <0.01%                   |
| 9   | Sulphate (SO <sub>4</sub> )          | 0.002% max                                    | <0.002%                  |
| 10  | Copper (Cu)                          | 0.0002% max                                   | <0.0002%                 |
| 11  | Iron (Fe)                            | 0.0002% max                                   | <0.0002%                 |
| 12  | Lead(Pb)                             | 0.0002% max                                   | <0.0002%                 |
| 13  | Substances reducing permanganate (O) | 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.

**MOLYCHEM Office:** 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)  
**Tel:** +91 22 4066 8111, 2205 7772 . **Fax:** + 91 22 2203 4442. **Email :** [info@molychem.net](mailto:info@molychem.net)  
**Works:** Plot No. B/9, Badlapur M.I.D.C., OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503