



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : BENZOIC ACID LR**

**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 : 09/01/23**

**Product code : 12700**  
**Batch No : MCR- 27436**  
**Mfd. : Jan. 2023**  
**Exp. : Dec. 2027**

| S. R | Test                                 | Specification                      | Observation              |
|------|--------------------------------------|------------------------------------|--------------------------|
| 1    | Description                          | White crystalline powder or powder | White crystalline powder |
| 2    | Assay ( by acidimetry)               | 99.5 % w/w min                     | 99.94 %w/w               |
| 3    | Melting Point                        | 121.5-123.5 <sup>0</sup> C         | 121.7 <sup>0</sup> C     |
| 4    | Arsenic(As)                          | 0.0002 % max                       | < 0.0002 %               |
| 5    | Lead(Pb)                             | 0.0005 % max                       | < 0.0005 %               |
| 6    | Total Chlorine                       | 0.1 % max                          | <0.1 %                   |
| 7    | Substances reducing permanganate (O) | Passes test                        | Passes test              |
| 8    | Sulphated ash                        | 0.05 % max                         | 0.03%                    |

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

**[Tested By]**

**CHEMIST**  
**(Jyoti)**

**[QC Incharge]**

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

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

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