



## CERTIFICATE OF ANALYSIS

Date: 24/03/18

PRODUCT NAME : BENZOIC ACID AR

CAS No : 65-85-0  
Mol. Formula :  $C_7H_6O_2$   
Mol. WT : 122.12  
Exp. : Feb. 2023

Product code : 22260  
Batch No : MCR-15771  
Mfd. : March 2018

| S. R | Test                                 | Specification  | Observation |
|------|--------------------------------------|----------------|-------------|
| 1    | Assay (acidimetry)                   | 99.9 % w/w min | 99.95%w/w   |
| 2    | Melting Point                        | 121.5-123.5°C  | 121.7°C     |
| 3    | Subst. insoluble in ammonia solution | 0.005 % max    | 0.002%      |
| 4    | Methanol insoluble matter            | 0.005 % max    | 0.004%      |
| 5    | Sulphated ash                        | 0.02% max      | 0.008%      |
| 6    | Chloride (Cl)                        | 0.0005% max    | <0.0005%    |
| 7    | Chlorine compounds (Cl)              | 0.01% max      | <0.01%      |
| 8    | Sulphate (SO <sub>4</sub> )          | 0.002% max     | <0.002%     |
| 9    | Copper (Cu)                          | 0.0002% max    | <0.0002%    |
| 10   | Iron (Fe)                            | 0.0002% max    | <0.0002%    |
| 11   | Lead(Pb)                             | 0.0002% max    | <0.0002%    |
| 12   | Substances reducing permanganate (O) | 0.01% max      | < 0.01%     |

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

HEAD-QUALITY ASSUARANCE  
(G.G.Salian)

Note: Computer generated image requires no sign.

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