

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : SODIUM BENZOATE**  
(Confirming to IP)

|                  |                                       |              |             |
|------------------|---------------------------------------|--------------|-------------|
| CAS No           | : 532-32-1                            | Product code | : 18120     |
| Mol. Formula     | : C <sub>6</sub> H <sub>5</sub> COONa | Batch No     | : MCR-32626 |
| Mol. WT          | : 144.11                              | Mfd.         | : Dec. 2024 |
| Date of analysis | : 12/12/24                            | Exp.         | : Nov. 2029 |

| S.R | Test                                     | Specification   | Observation         |
|-----|--|---|---------------------|
| 1   | <b>Description</b>                       | White crystalline powder, granules, flakes or powder. | White powder        |
| 2   | <b>Assay (On dried basis)</b>            | 99.0-100.5%w/w  | 99.66%w/w           |
| 3   | <b>Identification</b>                    | Passes test   | Passes test         |
| 4   | <b>Appearance of solution</b>            | Passes test   | Passes test         |
| 5   | <b>Alkalinity / acidity</b>              | 0.2 ml max of 0.1M HCl or 0.1M NaOH                   | 0.1 ml of 0.1M NaOH |
| 6   | <b>Chloride (Cl)</b>                     | 0.02% max   | < 0.02%             |
| 7   | <b>Arsenic (As)</b>                      | 0.0002% max   | <0.0002%            |
| 8   | <b>Loss on drying (105<sup>o</sup>C)</b> | 1.5 % max   | 0.82%               |
| 9   | <b>Heavy metals</b>                      | 0.001% max  | <0.001%             |
| 10  | <b>Sulphate</b>                          | 0.01% max   | <0.01%              |

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

**[Tested By]**



**CHEMIST  
(Shruti)**

**[QC Incharge]**



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