



## CERTIFICATE OF ANALYSIS

Date: 26/12/17

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

CAS No : 532-32-1  
Mol. Formula : C<sub>6</sub>H<sub>5</sub>COONa  
Mol. WT : 144.11  
Exp. : Nov. 2022

Product code : 18120  
Batch No : MCR-15075  
Mfd. : Dec. 2017

| S. R | Test                                | Specification                          | Observation          |
|------|-------------------------------------|--|----------------------|
| 1    | Assay(On dried basis)               | 99.0-100.5% w/w                        | 99.88% w/w           |
| 2    | Identification                      | Passes test                            | Passes test          |
| 3    | Appearance of solution              | Passes test                            | Passes test          |
| 4    | Alkalinity / acidity                | 0.2 ml max of 0.1M HCl<br>or 0.1M NaOH | 0.15 ml of 0.1M NaOH |
| 5    | Chloride (Cl)                       | 0.02% max                              | < 0.02%              |
| 6    | Arsenic (As)                        | 0.0002% max                            | <0.0002%             |
| 7    | Loss on drying (105 <sup>0</sup> C) | 1.5 % max                              | 0.69%                |
| 8    | Heavy metals                        | 0.001% max                             | <0.001%              |
| 9    | Sulphate                            | 0.01% max                              | <0.01%               |

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

[Tested By]

[Q.C Incharge]

HEAD-QUALITY ASSUARANCE  
(G.G.Salian)

Note: Computer generated image requires no sign.

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