



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : SODIUM BENZOATE AR**

<b>CAS No</b>	<b>: 532- 32- 1</b>	<b>Product code</b>	<b>: 25520</b>
<b>Mol. Formula</b>	<b>: C<sub>6</sub>H<sub>5</sub>COONa</b>	<b>Batch No.</b>	<b>: MCRT-30704</b>
<b>Mol. WT</b>	<b>: 144.11</b>	<b>Mfd.</b>	<b>: March 2024</b>
<b>Date of analysis</b>	<b>: 28/03/24</b>	<b>Exp.</b>	<b>: Feb. 2029</b>

S. R	Test	Specification	Observation
1	<b>Description</b>	White crystalline powder, granules, flakes or powder.	White powder
2	<b>Assay (On dried substances)</b>	99.5 % w/w min	99.51% w/w
3	<b>pH (5% solution)</b>	7.0 – 8.0	7.05
4	<b>Water insoluble matter</b>	0.005% max	0.003 %
5	<b>Arsenic (As)</b>	0.0002% max	< 0.0002%
6	<b>Lead (Pb)</b>	0.0001% max	< 0.0001%
7	<b>Chloride (Cl)</b>	0.005% max	< 0.005%
8	<b>Sulphate (SO<sub>4</sub>)</b>	0.01% max	< 0.01%
9	<b>Loss on drying (105<sup>0</sup>C)</b>	1.0% max	0.05%
10	<b>Calcium (Ca)</b>	0.01% max	< 0.01%
11	<b>Copper (Cu)</b>	0.0001% max	< 0.0001%
12	<b>Iron (Fe)</b>	0.0001% max	< 0.0001%
13	<b>Chlorine compound (Cl)</b>	0.01% max	< 0.01%

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Deepa)**

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

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

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