

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : SODIUM BENZOATE AR**

<b>CAS No</b>	: 532- 32- 1	<b>Product code</b>	: 25520
<b>Mol. Formula</b>	: C <sub>6</sub> H <sub>5</sub> COONa	<b>Batch No.</b>	: MCAR-00945
<b>Mol. WT</b>	: 144.11	<b>Mfd.</b>	: Dec. 2024
<b>Date of analysis</b>	: 12/12/24	<b>Exp.</b>	: 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 substances)</b>	99.5 % w/w min	99.66% w/w
3	<b>pH (5% solution)</b>	7.0 – 8.0	7.37
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	0.82%
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]**



**CHEMIST  
(Shrutu)**

**[QC Incharge]**



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

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