

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : SODIUM BENZOATE AR**

CAS No	: 532- 32- 1	Product code	: 25520
Mol. Formula	: C <sub>6</sub> H <sub>5</sub> COONa	Batch No.	: MCAR-01338
Mol. WT	: 144.11	Mfd.	: March 2025
Date of analysis	: 08/03/25	Exp.	: Feb. 2030

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	99.53% w/w
3	<b>pH (5% solution)</b>	7.0 – 8.0	7.05
4	<b>Water insoluble matter</b>	0.005% max	0.002 %
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	0.90%
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  
(Shruti)**



**[QC Incharge]**



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

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