

CERTIFICATE OF ANALYSIS

PRODUCT NAME : SODIUM BENZOATE AR

CAS No	: 532- 32- 1	Product code	: 25520
Mol. Formula	: C ₆ H ₅ COONa	Batch No.	: MCAR-00734
Mol. WT	: 144.11	Mfd.	: Oct. 2024
Date of analysis	: 21/10/24	Exp.	: Sept. 2029

S. R	Test	Specification	Observation
1	Description	White crystalline powder, granules, flakes or powder.	White powder
2	Assay (On dried substances)	99.5 % w/w min	99.85% w/w
3	pH (5% solution)	7.0 – 8.0	7.35
4	Water insoluble matter	0.005% max	0.002 %
5	Arsenic (As)	0.0002% max	< 0.0002%
6	Lead (Pb)	0.0001% max	< 0.0001%
7	Chloride (Cl)	0.005% max	< 0.005%
8	Sulphate (SO₄)	0.01% max	< 0.01%
9	Loss on drying (105⁰C)	1.0% max	0.81%
10	Calcium (Ca)	0.01% max	< 0.01%
11	Copper (Cu)	0.0001% max	< 0.0001%
12	Iron (Fe)	0.0001% max	< 0.0001%
13	Chlorine compound (Cl)	0.01% max	< 0.01%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Akash)**

[QC Incharge]



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

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