



CERTIFICATE OF ANALYSIS

PRODUCT NAME : SODIUM ACETATE TRIHYDRATE AR

CAS No	: 6131-90-4	Product code	: 25450
Mol. Formula	: CH₃COONa.3H₂O	Batch No	: MCAR- 00691
Mol. WT	: 136.08	Mfd.	: Oct. 2024
Date of analysis	: 09/10/24	Exp.	: Sept. 2029

S.R	Test	Specification	Observation
1	Description	Colourless crystals or white crystalline powder.	White crystalline powder.
2	Assay	99.0 - 102.0% w/w	99.41% w/w
3	pH 5% aq. solution	7.5 - 9	8.20
4	Acidity (CH₃COOH)	0.005% max.	<0.005%
5	Alkalinity	0.12 ml N/1% max.	<0.12ml N/1%
6	Insoluble matter	0.001 % max.	0.0006%
7	Chloride (Cl)	0.0005 % max.	<0.0005 %
8	Nitrogen compounds (N)	0.001 % max.	<0.001 %
9	Phosphate (PO₄)	0.0002% max.	<0.0002%
10	Sulphate (SO₄)	0.002 % max.	<0.002 %
11	Aluminium (Al)	0.0005 % max.	<0.0005 %
12	Calcium (Ca)	0.001 % max.	<0.001 %
13	Copper (Cu)	0.0005 % max.	<0.0005 %
14	Iron (Fe)	0.0005 % max.	<0.0005 %
15	Lead (Pb)	0.0005 % max.	<0.0005 %
16	Magnesium (Mg)	0.0005 % max.	<0.0005 %
17	Potassium (K)	0.0005 % max.	<0.0005 %
18	Substances reducing permanganate (O)	0.004 % max.	<0.004 %

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

**CHEMIST
(Akash)**

[QC Incharge]

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

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