CERTIFICATE OF ANALYSIS

PRODUCT NAME : SODIUM ACETATE TRIHYDRATE AR

CAS No	**: 6131-90-4**	**Product code**	**: 25450**
Mol. Formula	**: $CH_3COONa.3H_2O$**	**Batch No**	**: MCAR-01415**
Mol. WT	**: 136.08**	**Mfd.**	**: April 2025**
Date of analysis	**: 02/04/25**	**Exp.**	**: March 2030**

S.R	Test	Specification	Observation
1	**Description**	Colourless crystals or white crystalline powder.	Colourless crystals.
2	**Assay**	99.0 - 102.0% w/w	99.84% w/w
3	**pH 5% aq. solution**	7.5 - 9	8.01
4	**Acidity (CH_3COOH)**	0.005% max.	<0.005%
5	**Alkalinity**	0.12 ml N/1% max.	<0.12ml N/1%
6	**Insoluble matter**	0.001 % max.	0.0003%
7	**Chloride (Cl)**	0.0005 % max.	<0.0005 %
8	**Nitrogen compounds (N)**	0.001 % max.	<0.001 %
9	**Phosphate (PO_4)**	0.0002% max.	<0.0002%
10	**Sulphate (SO_4)**	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
(Sayli)

[QC Incharge]

HEAD-QUALITY ASSURANCE
(G.G.Salian)

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