

**CERTIFICATE OF ANALYSIS**

Product Name	: SODIUM ACETATE TRIHYDRATE 99.5% AR	Analyzed On	: 07-Aug-2021
Lot No.	: A379132108	Mol. Weight	: 136.08
Mol. Formula	: CH <sub>3</sub> COONa.3H <sub>2</sub> O	CAS No.	: 6131-90-4
Code No.	: 05758	Exp. Date	: Jul-2026
Mfg. Date	: Aug-2021	UN No.	: -
HAZ. / P.G.	: -		

Sr.	Tests	Specifications	Results
1	Appearance	White crystalline powder.	White crystalline powder
2	Assay	99.5 - 101%	99.81%
3	pH (5% solution in water)	7.5 - 9.2	8.52
4	Insoluble matter	Max 0.005%	<0.005%
5	Chloride (Cl)	Max 0.003%	0.0027%
6	Nitrogen compounds (as N)	Max 0.001%	<0.001
7	Phosphate (PO <sub>4</sub> )	Max 0.0005%	0.0004%
8	Sulphate (SO <sub>4</sub> )	Max 0.002%	0.0018 %
9	Calcium (Ca)	Max 0.001%	0.00057%
10	Iron (Fe)	Max 0.0005%	0.000044%
11	Lead (Pb)	Max 0.0005%	Nil
12	Magnesium (Mg)	Max 0.002%	0.00015%
13	Potassium (K)	Max 0.005%	0.0015%
14	Substance reducing KMnO <sub>4</sub> (as O)	Passes test	Passes test

**CONCLUSION -This above product complies as per the specifications of LOBA CHEMIE PVT. LTD.**



Shashikant Gaikwad  
QC Manager

**LOBA CHEMIE PVT. LTD.**

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