

# PT. SMART-LAB INDONESIA

MANUFACTURER OF ANALYTICAL REAGENTS

## CERTIFICATE OF ANALYSIS

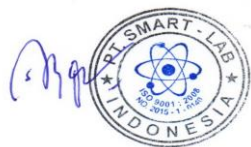
Product Name	: Sodium Acetate (anhydrous)	Molecular Weight	: 82.03 g/mol
Catalog No.	: A-2154	Batch No.	: 140622001
Grade	: Analytical Reagent	Manufacturing Date	: June 14, 2022
Formula	: $\text{CH}_3\text{COONa}$	Expire Date	: June, 2027
Cas No	: 127-09-3		

NO	ITEM TEST	UNITS	SPECIFICATION	RESULT
1.	Appearance	—	White Crystals or crystalline powder	White crystalline powder
2.	Assay (perchloric acid titration)	wt %	min 99.0	99.685
3.	pH (5% solution at 25 °C)	pH	7.0 – 9.2	8.324
4.	Water insoluble matter	wt %	max 0.01	0.0022
5.	Chloride (Cl)	wt %	max 0.002	0.00048
6.	Phosphate ( $\text{PO}_4$ )	wt %	max 0.001	0.00038
7.	Sulphate ( $\text{SO}_4$ )	wt %	max 0.003	0.0014
8.	Iron (Fe)	wt %	max 0.001	0.000068
9.	Heavy metals (asPb)	wt %	max 0.001	0.000019
10.	Potassium (K)	wt %	max 0.05	0.0012
11.	Calcium ,magnesium and $\text{R}_2\text{O}_3$ precipitate	wt %	max 0.01	0.0071
12.	Loss on drying at 120 °C	wt %	max 1.0	0.4875

Result : The above product corresponds to AR Grade

*Reference or standard of product specification to ACS specification and Analar Standard*

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Head QC