



## CERTIFICATE OF ANALYSIS

**Product:** Sodium Acetate, Anhydrous, ACS Reagent Grade  
**Catalog Number:** S1091  
**Lot Number:** KEI00223  
**Manufacture Date:** 09/02/23  
**CAS #:** 127-09-3  
**Formula Weight:** 82.03  
**Expiration Date:** 09/01/28  
**Chemical Formula:** NaC<sub>2</sub>H<sub>3</sub>O<sub>2</sub>

TEST	LIMIT	OBSERVATION
<b>Meets ACS Specifications</b>		
Description	White crystalline powder	White crystalline powder
Identification	To pass test	Passes test
Assay	Min. 99.0 %	99.30 %
pH of a 5% solution @ 25°C	7.0 – 9.2	8.27
Insoluble matter	Max. 0.01 %	0.004 %
Loss on drying (120°C)	Max. 1.0 %	0.54 %
Chloride (Cl)	Max. 0.002 %	< 0.002 %
Phosphate (PO <sub>4</sub> )	Max. 0.001 %	< 0.001 %
Sulfate (SO <sub>4</sub> )	Max. 0.003 %	< 0.003 %
Calcium (Ca)	Max. 0.005 %	0.001 %
Magnesium (Mg)	Max. 0.002 %	Not detected
Heavy metals (ICP-OES)	Max. 0.001 %	< 0.001 %
Iron (Fe)	Max. 0.001 %	< 0.001 %

It is certified on 06/19/24 that the above is a true copy of the actual lot analysis.

Anthony Welch  
Quality Systems and Regulatory Affairs  
Rocky Mountain Reagents, Inc.

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