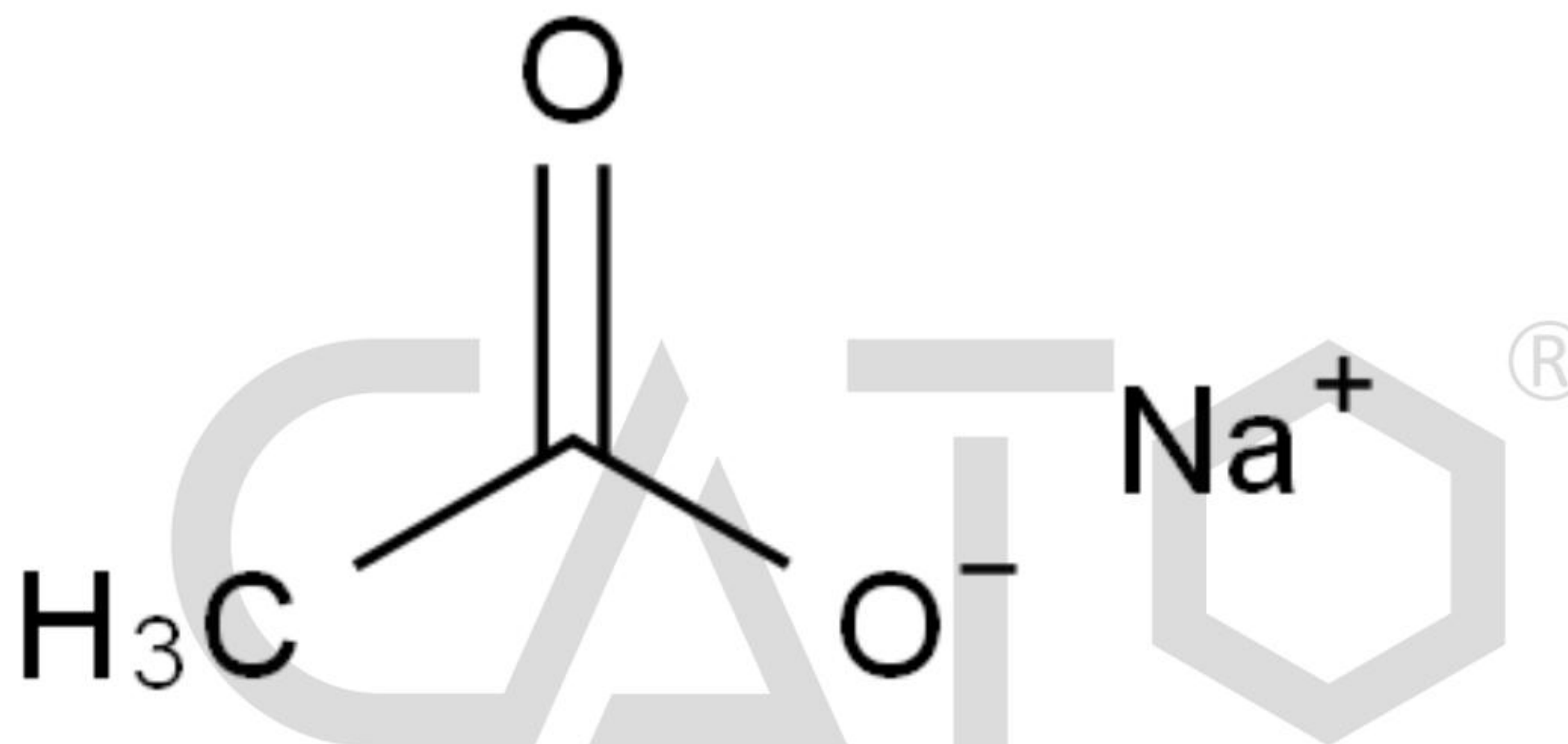


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                 |                   |                                                                                     |
|--------------------|-------------------------------------------------|-------------------|-------------------------------------------------------------------------------------|
| Product Name:      | Sodium Acetate Anhydrous                        | Catalogue Number: | CCHM701172                                                                          |
| Synonyms:          | N/A                                             | Lot Number:       | 1023-RE-0046                                                                        |
| CAS Number:        | 127-09-3                                        | Expiry Date:      | Oct 22, 2027                                                                        |
| Molecular Formula: | C <sub>2</sub> H <sub>3</sub> O <sub>2</sub> Na | Storage:          | Room Temp Protected from light and Sealed                                           |
| Molecular Weight:  | 59.04 22.99                                     | Warning:          |  |

Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&IR&UV&HNMR   | Confirmed   |
| Purity         | ELSD              | 99.7%       |
| Assay          | qNMR              | 98.3%       |
| Uncertainty    |                   | ±2.0%       |

## Comment:

1. Assay was determined by quantitative <sup>1</sup>H-NMR.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

*Nice*

Reviewed by:

*Hinlam*

Approved by General Manager:

*David*

Date: Jun 14, 2024

Date: Jun 14, 2024

Date: Jun 14, 2024

