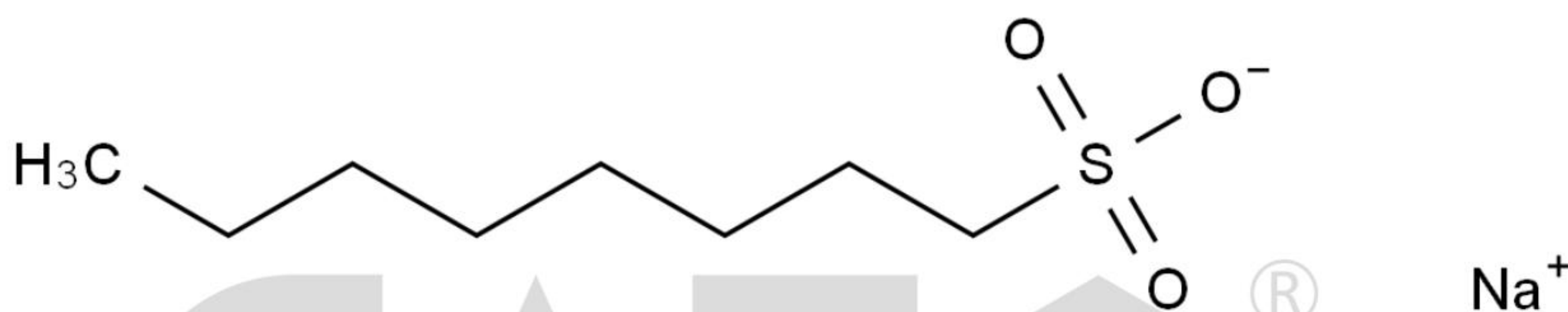


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                    |                   |                                                                                     |
|--------------------|----------------------------------------------------|-------------------|-------------------------------------------------------------------------------------|
| Product Name:      | Sodium 1-Octanesulfonate                           | Catalogue Number: | CCHM701458                                                                          |
| Synonyms:          | N/A                                                | Lot Number:       | 0609-RG-0048                                                                        |
| CAS Number:        | 5324-84-5                                          | Expiry Date:      | Jun 16, 2029                                                                        |
| Molecular Formula: | C <sub>8</sub> H <sub>17</sub> O <sub>3</sub> S Na | Storage:          | Room Temp Protected from light and Sealed                                           |
| Molecular Weight:  | 193.28 22.99                                       | Warning:          |  |

Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Assay          | qNMR              | 98.6%       |
| Uncertainty    |                   | ±0.3%       |

## 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:

*Lisa*

Approved by General Manager:

*David*

Date: Jun 17, 2025

Date: Jun 17, 2025

Date: Jun 17, 2025

