

## Certificate of Analysis

Date of Testing: 2025-09-08 15:11:31

Date of Next Testing: 2029-09-07 15:11:31

Product Name: **Sodium 1-octanesulfonate**

CAS Number: 5324-84-5

Specifications & Purity:  $\geq 98\%$

Lot #: I2503585

SKU #: **S108926**

Version: **0**

Analysis #: **511802**

Storage Temperature: Argon charged

| Parameter                                                  | Limit Values          | Result                |
|------------------------------------------------------------|-----------------------|-----------------------|
| Carbon by Elemental Analysis(anhydrous)                    | 43.5-45.3 (%)         | 43.90 %               |
| Water by Karl Fischer                                      | 0-2 (%)               | 1.14 %                |
| Purity(HPLC)                                               | 98-100 (%)            | 98.72000 %            |
| Sodium (Na)(anhydrous)                                     | 10.1-11.1 (%)         | 10.16 %               |
| Appearance (S108926)                                       | white powder          | White powder          |
| Proton NMR spectrum                                        | Conforms to Structure | Conforms to Structure |
| Solubility in H <sub>2</sub> O , Colorless Clear 100 mg/ml | pass                  | Pass                  |



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