

## Certificate of Analysis

Date of Testing: 2025-02-11 16:59:01

Date of Next Testing: 2029-02-10 16:59:01

Product Name: **Trimethyloctylammonium chloride**

CAS Number: 10108-86-8

Specifications & Purity:  $\geq 99\%$

Lot #: E2112261

SKU #: **T108988**

Version: **0**

Analysis #: **469387**

Storage Temperature: Argon charged

| Parameter                               | Limit Values                                    | Result                                          |
|-----------------------------------------|-------------------------------------------------|-------------------------------------------------|
| Purity(HPLC)                            | 99-100 (%)                                      | 99.97000 %                                      |
| Purity(Titration by AgNO <sub>3</sub> ) | 98.5-101.5 (%)                                  | 101.04 %                                        |
| Appearance (T108988)                    | Colorless or White Powder or Crystals or chunks | Colorless or White Powder or Crystals or chunks |
| Infrared spectrum                       | Conforms to Structure                           | Conforms to Structure                           |
| Proton NMR spectrum                     | Conforms to Structure                           | Conforms to Structure                           |
| Solubility in H <sub>2</sub> O          | Almost transparency                             | almost transparency                             |



John Su  
QA & QC Manager