

## Certificate of Analysis

Date of Testing: 2025-02-25 17:26:17

Date of Next Testing: 2029-02-24 17:26:17

Product Name: **Decyltrimethylammonium chloride**

CAS Number: 10108-87-9

Specifications & Purity:  $\geq 99\%$

Lot #: B2521193

SKU #: **D111746**

Version: **0**

Analysis #: **456245**

Storage Temperature: Argon charged

| Parameter                               | Limit Values                          | Result                                |
|-----------------------------------------|---------------------------------------|---------------------------------------|
| Purity(Titration by AgNO <sub>3</sub> ) | 98.5-101.5 (%)                        | 98.58 %                               |
| Appearance (D111746)                    | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Solubility in H <sub>2</sub> O          | Almost transparency                   | almost transparency                   |
| Proton NMR spectrum                     | Conforms to Structure                 | Conforms to Structure                 |



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