

## Certificate of Analysis

Date of Testing: 2024-11-05 16:55:11

Date of Next Testing: 2027-11-05 16:55:11

Product Name: **(11-Mercaptoundecyl)-N,N,N-trimethylammonium bromide**

CAS Number: 197587-43-2

Specifications & Purity:  $\geq 90\%$

Lot #: J2431226

SKU #: **M486832**

Version: **1**

Analysis #: **319254**

Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$ , Argon charged

| Parameter                             | Limit Values                      | Result                            |
|---------------------------------------|-----------------------------------|-----------------------------------|
| Purity(Titration by $\text{AgNO}_3$ ) | 89.5-103.5 (%)                    | 102.58 %                          |
| NMR Spectrum 1H                       | Conforms to structure             | Conforms to Structure             |
| Appearance(M486832)                   | White to Brown Powder or Crystals | White to brown powder or crystals |
| Infrared spectrum                     | Conforms to Structure             | Conforms to Structure             |



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