

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-04 15:46:27  
Date of Next Testing: 2029-01-03 15:46:27  
Product Name: **(11-Mercaptoundecyl)-N,N,N-trimethylammonium bromide(MABr)**  
CAS Number: 197587-43-2  
Specifications & Purity:  $\geq 90\%$   
Lot #: L2524367  
SKU #: **M486832**  
Version: **1**  
Analysis #: **616821**  
Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$ , Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO <sub>3</sub> )	89.5-103.5 (%)	99.10000 %
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



John Su  
QA & QC Manager