

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-24 08:31:59  
 Date of Next Testing: 2027-09-14 08:31:59  
 Product Name: **Tetradecyltrimethylammonium Bromide (TTAB)**  
 CAS Number: 1119-97-7  
 Specifications & Purity:  $\geq 99\%$   
 Lot #: I2518192  
 SKU #: **M100352**  
 Version: **3**  
 Analysis #: **565869**  
 Storage Temperature: Room temperature, Argon charged, Desiccated

| Parameter                                                                             | Limit Values              | Result                    |
|---------------------------------------------------------------------------------------|---------------------------|---------------------------|
| Purity(HPLC)                                                                          | 99-100 (%)                | 99.35700 %                |
| Purity(Titration by AgNO <sub>3</sub> )                                               | 98.5-101.5 (%)            | 101.46000 %               |
| Appearance (M100352)                                                                  | White to Off-White Powder | White to Off-White Powder |
| Proton NMR spectrum                                                                   | Conforms to Structure     | Conforms to Structure     |
| Solubility in H <sub>2</sub> O , Colorless to yellow, clear to slightly hazy 100mg/ml | pass                      | Pass                      |



John Su  
QA & QC Manager