

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-04-02 11:42:07  
 Date of Next Testing: 2027-03-23 11:42:07  
 Product Name: **Dodecyltrimethylammonium bromide(DTAB)**  
 CAS Number: 1119-94-4  
 Specifications & Purity:  $\geq 99\%$   
 Lot #: C2525548  
 SKU #: **D105301**  
 Version: **1**  
 Analysis #: **484439**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                                                                             | Limit Values              | Result                    |
|---------------------------------------------------------------------------------------|---------------------------|---------------------------|
| Purity(Titration by AgNO <sub>3</sub> )                                               | 99-100 (%)                | 99.89000 %                |
| Appearance (D105301)                                                                  | 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(50mg/ml) | pass                      | Pass                      |
| Infrared spectrum                                                                     | Conforms to Structure     | Conforms to Structure     |



John Su  
QA & QC Manager