

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## 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: 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     |

