

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-12 11:47:44

Date of Next Testing: 2026-09-02 11:47:44

Product Name: **Dodecyltrimethylammonium bromide(DTAB)**

CAS Number: 1119-94-4

Specifications & Purity:  $\geq 99\%$

Lot #: I2410285

SKU # **D105301**

Version **1**

**Analysis #:** **403615**

Storage Temperature: Room temperature, Argon charged

| Parameter                                                                           | Limit Values              | Result                    |
|-------------------------------------------------------------------------------------|---------------------------|---------------------------|
| Purity(Titration by AgNO <sub>3</sub> )                                             | 99-100 (%)                | 99.97000 %                |
| 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     |



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QA & QC Manager