

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

## Certificate of Analysis

Date of Testing: 2023-10-11 10:47:39  
Date of Next Testing: 2025-09-30 10:47:39  
Product Name: **Dodecyltrimethylammonium bromide(DTAB)**  
CAS Number: 1119-94-4  
Specifications & Purity:  $\geq 99\%$   
Lot #: A2203426  
SKU #: **D105301**  
Version: **1**  
Analysis #: **283870**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	57.5-58.8 (%)	58.30000 %
Purity(Titration by AgNO <sub>3</sub> )	99-100 (%)	99.00200 %
Appearance (D105301)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
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



John Su  
QA & QC Manager