

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-04 13:33:48  
Date of Next Testing: 2025-08-24 13:33:48  
Product Name: **Dodecyltrimethylammonium bromide**  
CAS Number: 1119-94-4  
Specifications & Purity: 99%  
Lot #: H2325541  
SKU #: **D105301**  
Version: **0**  
Analysis #: **262743**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	57.5-58.8 (%)	58.30 %
Purity(Titration by AgNO <sub>3</sub> )	99-100 (%)	99.99 %
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