

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-10 11:33:47
Date of Next Testing: 2025-02-27 11:33:47
Product Name: **Dodecyltrimethylammonium bromide(DTAB)**
CAS Number: 1119-94-4
Specifications & Purity: $\geq 99\%$
Lot #: F2103103
SKU #: **D105301**
Version: **1**
Analysis #: **197011**
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	57.5-58.8 (%)	57.63000 %
Purity(Titration by AgNO ₃)	99-100 (%)	99.51000 %
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 ₂ O , Colorless to Yellow, Clear to Slightly Hazy(50mg/ml)	pass	Pass



John Su
QA & QC Manager