

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-31 11:47:45

Date of Next Testing: 2025-01-20 11:47:45

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

CAS Number: 1119-94-4

Specifications & Purity: $\geq 99\%$

Lot #: A2310099

SKU #: **D105301**

Version: **1**

Analysis #: **165940**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	57.5-58.8 (%)	57.90000 %
Purity(Titration by AgNO ₃)	99-100 (%)	99.08000 %
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