

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-20 16:08:21
 Date of Next Testing: 2026-03-10 16:08:21
 Product Name: **Dodecyltrimethylammonium bromide(DTAB)**
 CAS Number: 1119-94-4
 Specifications & Purity: $\geq 99\%$
 Lot #: E2231473
 SKU #: **D105301**
 Version: **1**
 Analysis #: **333859**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	57.5-58.8 (%)	58.08000 %
Purity(Titration by AgNO ₃)	99-100 (%)	99.10000 %
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