

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-18 13:35:00  
 Date of Next Testing: 2026-06-08 13:35:00  
 Product Name: **Myristyltrimethylammonium bromide**  
 CAS Number: 1119-97-7  
 Specifications & Purity: 99%  
 Lot #: I22221010  
 SKU #: **M100352**  
 Version: **1**  
 Analysis #: **370959**  
 Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Purity(Titration by HClO <sub>4</sub> )	99-102 (%)	101.20 %
Purity(HPLC)	99-100 (%)	99.10000 %
Purity(Titration by AgNO <sub>3</sub> )	98.5-101.5 (%)	100.10 %
Appearance (M100352)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless to yellow, clear to slightly hazy 100mg/ml	pass	Pass



John Su  
QA & QC Manager