

## Certificate of Analysis

Date of Testing: 2024-04-28 11:12:17  
Date of Next Testing: 2026-04-18 11:12:17  
Product Name: **Myristyltrimethylammonium bromide**  
CAS Number: 1119-97-7  
Specifications & Purity: 99%  
Lot #: D2425412  
SKU #: **M100352**  
**Analysis:** **342849**  
Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Purity(Titration by HClO <sub>4</sub> )	99-102 (%)	100.83 %
Purity(HPLC)	99-100 (%)	99.21800 %
Purity(Titration by AgNO <sub>3</sub> )	98.5-101.5 (%)	101.41 %
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