

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-08 16:21:54  
Date of Next Testing: 2027-06-07 16:21:54  
Product Name: **Tetradecyltrimethylammonium chloride**  
CAS Number: 4574-04-3  
Specifications & Purity: 99%  
Lot #: F2302303  
SKU #: **T103235**  
Version: **1**  
Analysis #: **200304**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO <sub>3</sub> )	98.5-101.5 (%)	99.70 %
Purity(NonaqueousTitration)	98.5-101.5 (%)	100.82 %
Appearance (T103235)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Solubility in H <sub>2</sub> O	Almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager