

## Certificate of Analysis

Date of Testing: 2024-08-08 17:34:13  
Date of Next Testing: 2028-08-07 17:34:13  
Product Name: **Tetradecyltrimethylammonium chloride**  
CAS Number: 4574-04-3  
Specifications & Purity: 99%  
Lot #: H2407558  
SKU #: **T103235**  
Version: **1**  
Analysis #: **386865**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO <sub>3</sub> )	98.5-101.5 (%)	99.95 %
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



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QA & QC Manager