

Certificate of Analysis

Date of Testing: 2025-01-09 11:26:07

Date of Next Testing: 2029-01-08 11:26:07

Product Name: **Tetradecyltrimethylammonium chloride**

CAS Number: 4574-04-3

Specifications & Purity: $\geq 99\%$

Lot #: A2507452

SKU #: **T103235**

Version: **1**

Analysis #: **452761**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	98.5-101.5 (%)	99.10 %
Appearance (T103235)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O	Almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager