

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-24 13:12:10

Date of Next Testing: 2028-09-23 13:12:10

Product Name: **Stearyl Trimethyl Ammonium Chloride**

CAS Number: 112-03-8

Specifications & Purity: $\geq 98\%$

Lot #: I2419060

SKU #: **S105314**

Version: **0**

Analysis #: **335201**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
PH(20 °C, 0.05% in Water)	5.5-8.5	6.83000
Purity(Titration by AgNO ₃)	97.5-102.5 (%)	101.50000 %
UV Absorbance 260nm(0.05 % in H ₂ O)	0-0.06	0.04900
UV Absorbance 225nm A(0.05 % in H ₂ O)	0-0.08	0.06700
UV Absorbance 280nm(0.05 % in H ₂ O)	0-0.04	0.03600
UV Absorbance 340nm(0.05 % in H ₂ O)	0-0.02	0.01900
Appearance (S105314)	White to Light Beige Powder or Crystals	White to Light Beige Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot H ₂ O	almost transparency	almost transparency



John Su
QA & QC Manager