

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-25 15:20:37

Date of Next Testing: 2030-03-24 15:20:37

Product Name: **Stearyl Trimethyl Ammonium Chloride**

CAS Number: 112-03-8

Specifications & Purity: $\geq 98\%$

Lot #: C2620524

SKU #: **S105314**

Version: **0**

Analysis #: **665765**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
PH(20 °C, 0.05% in Water)	5.5-8.5	8.20000
Purity(Titration by AgNO ₃)	97.5-102.5 (%)	99.35000 %
UV Absorbance 280nm(0.05 % in H ₂ O)	0-0.04	0.00800
UV Absorbance 260nm(0.05 % in H ₂ O)	0-0.06	0.00800
UV Absorbance 340nm(0.05 % in H ₂ O)	0-0.02	0.00100
UV Absorbance 225nm A(0.05 % in H ₂ O)	0-0.08	0.03000
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