

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-21 17:16:11

Date of Next Testing: 2029-01-20 17:16:11

Product Name: **Dodecyltrimethylammonium chloride (DTAC)**

CAS Number: 112-00-5

Specifications & Purity: $\geq 99\%$

Lot #: A2515443

SKU #: **D105295**

Version: **1**

Analysis #: **456609**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
PH(5% in water)	4-7.5	5.22000
Free amine (As DDA)	0-0.3 (%)	0.00000 %
Water by Karl Fischer	0-3 (%)	0.09540 %
Purity (Argentmetric Titration)	98.5-101.5 (%)	101.48000 %
Appearance (D105295)	White to Light Yellow Powder or Solid or chunks	White to Light Yellow Powder or Solid or chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless solution 0.5G/10MLwater	pass	Pass



John Su
QA & QC Manager