

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-23 13:11:38
Date of Next Testing: 2029-10-22 13:11:38
Product Name: **Dodecyltrimethylammonium chloride (DTAC)**
CAS Number: 112-00-5
Specifications & Purity: $\geq 99\%$
Lot #: J2521502
SKU #: **D105295**
Version: **1**
Analysis #: **585625**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Free amine (As DDA)	0-0.3 (%)	0.00%
Water by Karl Fischer	0-3 (%)	0.53%
PH(5% in water)	4-7.5	4.00
Purity (Argentmetric Titration)	98.5-101.5 (%)	101.48 %
Appearance (D105295)	White to Light Yellow Powder or Solid or chunks	White to Light Yellow Powder or Solid or chunks
Solubility in H ₂ O , Colorless solution 0.5G/10MLwater	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager