

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-09 16:07:25
 Date of Next Testing: 2029-06-08 16:07:25
 Product Name: **Dodecyltrimethylammonium chloride (DTAC)**
 CAS Number: 112-00-5
 Specifications & Purity: $\geq 99\%$
 Lot #: E2527387
 SKU #: **D105295**
 Version: **1**
 Analysis #: **513371**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
PH(5% in water)	4-7.5	4.73000
Free amine (As DDA)	0-0.3 (%)	0.00000 %
Water by Karl Fischer	0-3 (%)	0.53280 %
Purity (Argentmetric Titration)	98.5-101.5 (%)	100.32000 %
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