

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2023-06-16 15:23:47
Date of Next Testing: 2027-06-15 15:23:47
Product Name: **Dodecyltrimethylammonium chloride (DTAC)**
CAS Number: 112-00-5
Specifications & Purity: $\geq 99\%$
Lot #: F2312832
SKU #: **D105295**
Version: **1**
Analysis #: **221673**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
PH(5% in water)	4-7.5	4.47000
Free amine (As DDA)	0-0.3 (%)	0.00000 %
Water by Karl Fischer	0-3 (%)	0.23240 %
Purity (Argentmetric Titration)	98.5-101.5 (%)	101.18000 %
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