

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-08-29 15:54:38  
Date of Next Testing: 2028-08-28 15:54:38  
Product Name: **Benzyltrimethylammonium chloride (TMBAC)**  
CAS Number: 56-93-9  
Specifications & Purity:  $\geq 98\%$   
Lot #: H2421089  
SKU #: **B103732**  
Version: **0**  
Analysis #: **397261**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.20 %
Purity(Titration by AgNO3)	97.5-102.5 (%)	102.31 %
Appearance (B103732)	white to yellow powder, crystals, and/or chunks	white to yellow powder, crystals, and/or chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Solution transparent	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager