

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-07 11:05:34
Date of Next Testing: 2029-06-06 11:05:34
Product Name: **Benzyltrimethylammonium chloride (TMBAC)**
CAS Number: 56-93-9
Specifications & Purity: $\geq 98\%$
Lot #: E2529241
SKU #: **B103732**
Version: **0**
Analysis #: **478004**
Storage Temperature: Room temperature, Argon charged

| Parameter | Limit Values | Result |
|---|---|---|
| Water by Karl Fischer | 0-1 (%) | 0.10000 % |
| Purity(Titration by AgNO ₃) | 97.5-102.5 (%) | 97.56200 % |
| 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 ₂ O , Solution transparent | pass | Pass |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager