

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-13 20:57:06  
Date of Next Testing: 2027-03-12 20:57:06  
Product Name: **Benzyltrimethylhexadecylammonium chloride**  
CAS Number: 122-18-9  
Specifications & Purity: 95%  
Lot #: C2309043  
SKU #: **B105317**  
**Analysis:** **077016**  
Storage Temperature: Argon charged

| Parameter                                       | Limit Values          | Result                |
|---|-----------------------|-----------------------|
| Purity(HPLC)                                    | 95-100 (%)            | 96.71360%             |
| Purity(as dry basis)                            | 95-105 (%)            | 96.15%                |
| Water by Karl Fischer                           | 0-9 (%)               | 8.60%                 |
| Appearance (B105317)                            | white powder          | White powder          |
| Proton NMR spectrum                             | Conforms to Structure | Conforms to Structure |
| Solubility in MeOH , Clear Colorless(100 mg/ml) | pass                  | Pass                  |



John Su  
QA & QC Manager