

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-04-25 11:37:53  
Date of Next Testing: 2026-04-24 11:37:53  
Product Name: **Benzyltrimethylhexadecylammonium chloride**  
CAS Number: 122-18-9  
Specifications & Purity: 95%  
Lot #: D2222052  
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