

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-23 11:18:32  
Date of Next Testing: 2027-08-22 11:18:32  
Product Name: **Benzyltrimethylhexadecylammonium chloride**  
CAS Number: 122-18-9  
Specifications & Purity: 95%  
Lot #: H2314368  
SKU #: **B105317**  
**Analysis:** **255150**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-9 (%)	5.91 %
Purity(HPLC)	95-100 (%)	98.30100 %
Purity(as dry basis)	95-105 (%)	104.89 %
Solubility in MeOH , Clear Colorless(100 mg/ml)	pass	Pass
Appearance (B105317)	White Powder to Crystal	White powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager