

## Certificate of Analysis

Date of Testing: 2024-01-15 13:04:34  
Date of Next Testing: 2028-01-14 13:04:34  
Product Name: **Benzyltrimethylhexadecylammonium chloride**  
CAS Number: 122-18-9  
Specifications & Purity: 95%  
Lot #: A2411133  
SKU #: **B105317**  
**Analysis:** **270373**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-9 (%)	6.82 %
Purity(HPLC)	95-100 (%)	99.52700 %
Purity(as dry basis)	95-105 (%)	103.07 %
Appearance (B105317)	White Powder to Crystal	White powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH , Clear Colorless(100 mg/ml)	pass	Pass



John Su  
QA & QC Manager