

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-15 19:11:48  
Date of Next Testing: 2027-03-14 19:11:48  
Product Name: **Hexadecyltrimethylammonium chloride**  
CAS Number: 112-02-7  
Specifications & Purity: 97%  
Lot #: C2311722  
SKU #: **H105309**  
**Analysis:** **200521**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
PH(5% in water)	4-7.5	5.41
Water by Karl Fischer	0-5 (%)	0.97 %
Purity (Argentometric Titration)	96.5-103.5 (%)	99.90 %
Appearance (H105309)	white amorphous powder	white amorphous powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O	Almost transparency	almost transparency



John Su  
QA & QC Manager