

## Certificate of Analysis

Date of Testing: 2022-09-06 14:43:43  
Date of Next Testing: 2026-09-05 14:43:43  
Product Name: **Hexadecyltrimethylammonium chloride**  
CAS Number: 112-02-7  
Specifications & Purity: 97%  
Lot #: I2201656  
SKU #: **H105309**  
Version: **0**  
Analysis #: **109094**  
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 (Argentmetric Titration)	96.5-103.5 (%)	99.90%
Appearance (H105309)	white amorphous powder	white amorphous powder
Solubility in H2O	Almost transparency	almost transparency
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager