

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-08-18 10:20:40
Date of Next Testing: 2030-08-17 10:20:40
Product Name: **Hexadecyltrimethylammonium chloride**
CAS Number: 112-02-7
Grades & Purity: ≥97%
Lot #: H2611368
SKU #: **H105309**
Version: **0**
Analysis #: **744764**
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
PH(5% in water)	4-7.5	5.48400
Water by Karl Fischer	0-5 (%)	0.43690 %
Purity (Argentmetric Titration)	96.5-103.5 (%)	101.39000 %
Appearance (H105309)	white amorphous powder	white amorphous powder
Solubility in H ₂ O	Almost transparency	almost transparency
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager