

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-21 14:10:59
Date of Next Testing: 2029-08-20 14:10:59
Product Name: **Hexadecyltrimethylammonium chloride**
CAS Number: 112-02-7
Specifications & Purity: $\geq 97\%$
Lot #: H2513566
SKU #: **H105309**
Version: **0**
Analysis #: **537734**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
PH(5% in water)	4-7.5	4.66
Water by Karl Fischer	0-5 (%)	0.72 %
Purity (Argentmetric Titration)	96.5-103.5 (%)	102.58 %
Appearance (H105309)	white amorphous powder	white amorphous powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O	Almost transparency	almost transparency



John Su
QA & QC Manager