

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-24 09:45:18

Date of Next Testing: 2029-06-23 09:45:18

Product Name: **Hexadecyltrimethylammonium chloride**

CAS Number: 112-02-7

Specifications & Purity: $\geq 97\%$

Lot #: F2512558

SKU #: **H105309**

Version: **0**

Analysis #: **533967**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
PH(5% in water)	4-7.5	5.09800
Water by Karl Fischer	0-5 (%)	1.10670 %
Purity (Argentmetric Titration)	96.5-103.5 (%)	98.89000 %
Appearance (H105309)	white amorphous powder	white amorphous powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O	Almost transparency	almost transparency



John Su
QA & QC Manager