

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-06 15:23:38
 Date of Next Testing: 2029-08-05 15:23:38
 Product Name: **Hexadecyltrimethylammonium chloride**
 CAS Number: 112-02-7
 Specifications & Purity: $\geq 97\%$
 Lot #: G2525466
 SKU #: **H105309**
 Version: **0**
 Analysis #: **552183**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
PH(5% in water)	4-7.5	5.32200
Water by Karl Fischer	0-5 (%)	1.67800 %
Purity (Argentmetric Titration)	96.5-103.5 (%)	97.44000 %
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