

Certificate of Analysis

Date of Testing: 2025-05-07 10:03:58
Date of Next Testing: 2029-05-06 10:03:58
Product Name: **Hexadecyltrimethylammonium chloride**
CAS Number: 112-02-7
Specifications & Purity: $\geq 97\%$
Lot #: D2524147
SKU #: **H105309**
Version: **0**
Analysis #: **507240**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
PH(5% in water)	4-7.5	5.15
Water by Karl Fischer	0-5 (%)	1.59 %
Purity (Argentmetric Titration)	96.5-103.5 (%)	96.83 %
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