

Certificate of Analysis

Date of Testing: 2022-03-31 11:35:30
Date of Next Testing: 2026-03-30 11:35:30
Product Name: **Hexadecyltrimethylammonium chloride**
CAS Number: 112-02-7
Specifications & Purity: 97%
Lot #: C2226542
SKU #: **H105309**
Analysis: **083790**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
PH(5% in water)	4-7.5	6.09
Water by Karl Fischer	0-5 (%)	0.22 %
Purity (Argentometric Titration)	96.5-103.5 (%)	101.75 %
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