

Certificate of Analysis

Date of Testing: 2023-02-02 12:25:25
Date of Next Testing: 2027-02-01 12:25:25
Product Name: **Hexadecyltrimethylammonium chloride**
CAS Number: 112-02-7
Specifications & Purity: 97%
Lot #: A2330464
SKU #: **H105309**
Analysis: 182435
Storage Temperature: Argon charged

Parameter	Limit Values	Result
PH(5% in water)	4-7.5	5.41
Water by Karl Fischer	0-5 (%)	0.97 %
Purity (Argentometric Titration)	96.5-103.5 (%)	99.90 %
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