

Certificate of Analysis

Date of Testing: 2022-06-06 13:19:01
Date of Next Testing: 2026-06-05 13:19:01
Product Name: **Hexadecyltrimethylammonium chloride**
CAS Number: 112-02-7
Specifications & Purity: 97%
Lot #: F2201133
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