

## Certificate of Analysis

Date of Testing: 2022-06-29 09:52:28  
Date of Next Testing: 2026-06-28 09:52:28  
Product Name: **Dimethyldioctadecylammonium chloride**  
CAS Number: 107-64-2  
Specifications & Purity: 97%  
Lot #: F2225142  
SKU #: **D113403**  
Version: **0**  
Analysis #: **107175**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-7 (%)	2.59%
Purity (Argentometric Titration)	97-100 (%)	97.34%
Appearance (D113403)	White to Beige Powder or Solid or Flakes	White to Beige Powder or Solid or Flakes
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager