

## Certificate of Analysis

Date of Testing: 2023-02-25 13:22:52  
Date of Next Testing: 2027-02-24 13:22:52  
Product Name: **1,2-dioleoyl-3-trimethylammonium-propane (chloride salt)**  
CAS Number: 132172-61-3  
Specifications & Purity: 98%  
Lot #: B2317835  
SKU #: **D292990**  
**Analysis:** **176944**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.60000 %
Melting point	33-40 (°C)	34.12000 °C
NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(D292990)	off-white to white solid	off-white to white solid



John Su  
QA & QC Manager