

## Certificate of Analysis

Date of Testing: 2022-08-05 15:51:53  
Date of Next Testing: 2026-08-04 15:51:53  
Product Name: **1,2-dioleoyl-3-trimethylammonium-propane (chloride salt)**  
CAS Number: 132172-61-3  
Specifications & Purity: 98%  
Lot #: H2202128  
SKU #: **D292990**  
**Analysis: 117743**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.80000 %
Melting point	33-40 (°C)	33.01000 °C
NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(D292990)	off-white to yellow solid	Off-white to yellow solid



John Su  
QA & QC Manager