

Certificate of Analysis

Date of Testing: 2025-08-10 15:43:30

Date of Next Testing: 2029-08-09 15:43:30

Product Name: **1,2-dioleoyl-3-trimethylammonium-propane (chloride salt) (DOTAP Chloride)**

CAS Number: 132172-61-3

Specifications & Purity: $\geq 98\%$

Lot #: H2507557

SKU #: **D292990**

Version: **1**

Analysis #: **532661**

Storage Temperature: Protected from light, Store at -20°C , Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.70000 %
Melting point	33-40 ($^{\circ}\text{C}$)	33.20000 $^{\circ}\text{C}$
Appearance(D292990)	White to off white to light yellow soild	White to off white to light yellow soild
NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager