

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-16 10:36:18

Date of Next Testing: 2030-06-15 10:36:18

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

CAS Number: 132172-61-3

Specifications & Purity: $\geq 98\%$

Lot #: F2608306

SKU #: **D292990**

Version: **1**

Analysis #: **716305**

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

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.97000 %
Melting point	33-40 ($^{\circ}\text{C}$)	34.78000 $^{\circ}\text{C}$
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