

Certificate of Analysis

Date of Testing: 2025-07-01 13:03:31

Date of Next Testing: 2029-06-30 13:03:31

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

CAS Number: 132172-61-3

Specifications & Purity: $\geq 98\%$

Lot #: F2518142

SKU #: **D292990**

Version: **1**

Analysis #: **465650**

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

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.95000 %
Melting point	33-40 ($^{\circ}\text{C}$)	33.20000 $^{\circ}\text{C}$
Appearance(D292990)	off-white to white solid	off-white to white solid
NMR spectrum	Conforms to Structure	Conforms to Structure



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