

## Certificate of Analysis

## **DOSPA**

2,3-dioleyloxy-N-[2-(sperminecarboxamido)ethyl]-N,N-dimethyl-1-propanaminium HCl salt

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Molecular Weight 1101.77

Chemical Formula  $C_{54}H_{111}CI_5N_6O_5$ 

Physical State Powder Storage -20°C

**Expiration Date** One year from date of receipt

M Lot Number 7044PHC010

Avanti Lot Number 890815P-5MG-C-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder</b> : White solid which contains no foreign matter	Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	Run and Report	Consistent with structure

Approved By:

Las Hade