

Certificate of Analysis

Cholyl-Lys-Fluorescein

Cholyl-L-Lysine Fluorescein, disodium salt

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Molecular Weight 954.04

Chemical Formula $C_{51}H_{61}N_3Na_2O_{12}$

Physical State Powder Storage -20°C

Expiration Date One year from date of receipt

M Lot Number 7005PGC010

Avanti Lot Number 810389P-1MG-C-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder : Orange solid which contains no foreign matter	Pass
TLC (65:35:8 Chloroform: Methanol: Water)	>99% Purity	>99% Purity
	Ninhydrin: negative	Ninhydrin: negative
	lodine: one major spot	lodine: one major spot
	Phosphorus: negative	Phosphorus: negative
	Charring: positive	Charring: positive
	Water dip: one major spot	Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	Consistent with structure	Consistent with structure

Approved By: