

Certificate of Analysis

MAPCHO®-12

n-dodecylphosphocholine

850336P-25g Page 1 of 1

Molecular Weight351.462Chemical FormulaC17H38NO4PPhysical StatePowderStorage-20°C

Expiration Date One year from date of receipt

M Lot Number 5639PXA077

Avanti Lot Number 850336P-25G-A-077

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder : White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative lodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 352.462 ± 1 amu	[M+H] ⁺ = 352.1 amu

Approved By: July Pott