

PHAD[®]-504

Monophosphoryl Lipid A-504

699810P-1mg

Page 1 of 1

Molecular Weight 1735.42
Chemical Formula C₉₄H₁₈₀ N₃O₂₂P
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5087PGC010
Avanti Lot Number 699810P-1MG-C-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
HPLC-ELSD	NLT 99% (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Phosphorus NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-NH ₄] ⁺ = 1717.42 ± 1 amu	[M-NH ₄] ⁺ = 1717.8 amu



Approved by:

For Research Use Only. Not For Human Use.