

14:0 PE-DTPA(Cu)

1,2-dimyristoyl-sn-glycero-3-phosphoethanolamine-N-diethylenetriaminepentaacetic acid (copper salt)

791225P-5mg

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Molecular Weight	1123.806
Chemical Formula	C ₄₇ H ₉₄ CuN ₇ O ₁₇ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5255PHB011
Avanti Lot Number	791225P-5MG-B-011

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (65:35:8 Chloroform:Methanol:Water)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
Copper (ICP/MS)	Run & Report	4.1% Cu (w/w)
Mass Spectroscopy	[M-3NH ₄ +2H] ⁻ = 1071.8 ± 1 amu [M-3NH ₄ +H] ²⁻ = 535.4 ± 1 amu	[M-3NH ₄ +2H] ⁻ = 1070.9 amu [M-3NH ₄ +H] ²⁻ = 535.5 amu

Approved by:

