

14:0 PE-DTPA (Gd)

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

790981P-5mg

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Molecular Weight	1199.471
Chemical Formula	C ₄₇ H ₉₀ GdN ₆ O ₁₇ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5253PHB017
Avanti Lot Number	790981P-5MG-B-017

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: negative Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 14:0 (AUC)	100% 14:0 (AUC)
Mass Spectroscopy	[M-2NH ₄] ²⁻ = 581.735 ± 1 amu	[M-2NH ₄] ²⁻ = 581.2 amu

Approved by:

