14:0 PE-DTPA (Gd)
1,2-dimyristoyl-sn-glycero-3-phosphoethanolamine-N-diethylenetriaminepentaacetic acid (gadolinium salt)

| 790981P-5mg | Page 1 of 1 |

- **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**: 5253PHA017
- **Avanti Lot Number**: 790981P-5MG-A-017

### ANALYSIS

| 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-2NH₄]²⁻ = 581.735 ± 1 amu | [M-2NH₄]²⁻ = 581.2 amu |

Approved by: