

**Catalog Number** N360  
**Product Name** NBD-PE (*N*-(7-nitrobenz-2-oxa-1,3-diazol-4-yl)-1,2-dihexadecanoyl-*sn*-glycero-3-phosphoethanolamine, triethylammonium salt)  
**Appearance** brown/orange solid  
**Lot Number** 2270276

	LOT DATA	SPECIFICATION
<b>Absorption<sup>1</sup></b>		
Maximum	463 nm	462 ± 3 nm
Extinction	20000 cm <sup>-1</sup> M <sup>-1</sup>	22000 ± 2000 cm <sup>-1</sup> M <sup>-1</sup>
<b>Fluorescence<sup>1</sup></b>		
Emission Maximum	538 nm	534 ± 4 nm
<b>HPLC</b>		
Purity	99 % at 462 nm	≥ 95 % at 462 nm
<b>NMR</b>		
Result	meets specification	consistent with structure
<b>Miscellaneous Information</b>		
Material Lot Number	2182134	n.a.

1. Solvent: Methanol



Rachel Smith, Quality Assurance Manager  
 5-Feb-2020

*Life Technologies Corporation, on behalf of its Invitrogen business, Molecular Probes® labeling and detection technologies, certifies on the date above that this is an accurate record of the analysis of the subject lot and that the data conform to the specifications in effect for this product at the time of analysis.*