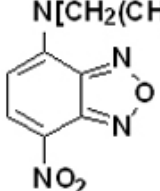


<b>Certificate of Analysis</b> (C of A)					
Name:	<b>NBD dihexadecylamine</b> 4-(N,N-Dihexadecylamino)-7-nitrobenz-2-oxa-1,3-diazole				
Catalog Number:	6528		Lot:	51536	
CAS Number:	117056-66-3		Formula:	C <sub>38</sub> H <sub>68</sub> N <sub>4</sub> O <sub>3</sub>	
Molecular Weight:	628.97 (g/mol)				
	<b>Observed</b>		<b>Standard</b>		
<b>Absorption (Methanol)</b>					
Wavelength (λ <sub>max</sub> ):	487 nm		485 ± 3 nm		
Extinction:	27,900 cm <sup>-1</sup> M <sup>-1</sup>		27,000 ± 1,500 cm <sup>-1</sup> M <sup>-1</sup>		
<b>Fluorescence (Methanol)</b>					
Emission Max:	542 nm		544 ± 4 nm		
TLC Purity:	> 99%		≥ 95%		
TLC System:	Chloroform				
Storage:	Store at Room Temperature (RT), Protect from moisture (D), Protect from light (L)				
Production Lot:	16111	Release:	26-Nov-2018	Expiration:	26-Nov-2038
Structure:	<chem>N[CH2(CH2)13CH2CH3]2</chem> 				

This data reflects the accuracy of the analysis of the subject lot  
 For research use only. Not for human use. No animal source.  
 This material is chemically synthesized and manufactured in the USA

**Approved by:** Dianna M Wineinger  
 Analytical Services Manager

**Date:** 26-Nov-2018

**Signature:**

Dianna M. Wineinger