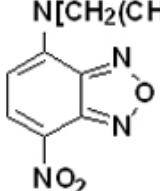


Certificate of Analysis (C of A)					
Name:	NBD dihexadecylamine 4-(N,N-Dihexadecylamino)-7-nitrobenz-2-oxa-1,3-diazole				
Catalog Number:	6528	Lot:	51536		
CAS Number:	117056-66-3	Formula:	C ₃₈ H ₆₈ N ₄ O ₃		
Molecular Weight:	628.97 (g/mol)				
	Observed	Standard			
Absorption (Methanol)					
Wavelength ($\lambda_{\max}$):	487 nm	485 $\pm$ 3 nm			
Extinction:	27,900 cm ⁻¹ M ⁻¹	27,000 $\pm$ 1,500 cm ⁻¹ M ⁻¹			
Fluorescence (Methanol)					
Emission Max:	542 nm	544 $\pm$ 4 nm			
TLC Purity:	> 99%	$\geq$ 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:

