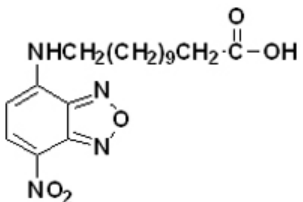


Certificate of Analysis (C of A)			
Name:	NBD C <sub>12</sub> acid 12-(7-Nitrobenzofurazan-4-ylamino)dodecanoic acid		
Catalog Number:	6861	Lot:	50683
CAS Number:	96801-39-7	Formula:	C <sub>18</sub> H <sub>26</sub> N <sub>4</sub> O <sub>5</sub>
Molecular Weight:	378.43 (g/mol)		
	<b>Observed</b>	<b>Standard</b>	
HPLC Purity:	99% at 254 nm	≥ 95% at 254 nm	
<b>Absorption (Methanol)</b>			
Wavelength (λ <sub>max</sub> ):	466 nm	465 ± 3 nm	
Extinction:	23,300 cm <sup>-1</sup> M <sup>-1</sup>	25,000 ± 3,000 cm <sup>-1</sup> M <sup>-1</sup>	
<b>Fluorescence (Methanol)</b>			
Emission Max:	522 nm	522 ± 4 nm	
TLC Purity:	> 99%	≥ 95%	
TLC System:	95:5 Chloroform / Methanol		
Storage:	Store at Room Temperature (RT), Protect from moisture (D), Protect from light (L)		
Production Lot:	14866	Release:	20-Apr-2015
		Expiration:	20-Apr-2025
Structure:			

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:** 20-Apr-2015

**Signature:** 