

Certificate of Analysis						
Name:	EverFluor TMR-X, SE					
Catalog Number:	7296	Lot: 52045				
CAS Number:	N/A	Formula: $C_{31}H_{35}BF_2N_4O_6$				
Molecular Weight:	608.44 (g/mol)					
	Observed		Standard	Standard		
HPLC Purity:	99% at 544 nm		≥ 95% at 544 nm			
Absorption (Methanol)						
Wavelength (λ <sub>max</sub> ):	544 nm		544 ± 3 nm			
Extinction:	59,200 cm <sup>-1</sup> M <sup>-1</sup>		58,000 ± 4,000 cm <sup>-1</sup> M <sup>-1</sup>			
Fluorescence (Methanol)						
Emission Max	570 nm		570 ± 4 nm			
TLC Purity:	> 99%		≥ 95%			
TLC System:	95:5 Chloroform / Methanol					
Storage:	Freeze: Store at -5 to -30°C ( <b>F</b> ), Protect from moisture ( <b>D</b> ), Protect from light ( <b>L</b> )					
Production Lot: 162	296 Release:	05-Feb-20	20 Ex	piration:	05-Feb-2025	
Structure:	CH <sub>3</sub> O O CH <sub>2</sub> CH <sub>2</sub> ·C' NHCH <sub>2</sub> F F CH <sub>3</sub> CH <sub>2</sub>					

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 **Date:** 05-Feb-2020

Analytical Services Manager

Signature: