

Certificate of Analysis					
Name:	BF 555, SE Bella Fluor 555 NHS Ester (Succinimidyl Ester)				
Catalog Number:	7776	Lot: 51911			
CAS Number:	886046-94-2	Formula: C ₅₆ H ₉₂ N ₆ O ₁₆ S ₄			N ₆ O ₁₆ S ₄
Molecular Weight	1233.62 (g/mol)				
	Observed	Standard			
HPLC Purity	92% at 555 nm	≥ 90% at 5		55 nm	
Absorption (Methanol)					
Wavelength (λ _{max})	556 nm		555 ± 3 nm		
Extinction	Set 160,000 cm ⁻¹ M ⁻¹		Set 160,000 ± N/A cm ⁻¹ M ⁻¹		
Fluorescence (Methanol)					
Emission Max	570 nm		572 ± 4 nm		
TLC Purity	> 94%		≥ 90%		
TLC System	80:20 Acetonitrile / Water				
Storage	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)				
Production Lot: 15	Release:	18-Nov-20	20 Ex	piration:	18-Nov-2025
Structure: $\begin{array}{c} so_3 \\ \hline o_3s \\ \hline \\ (CH_2)_4 - C \\ \hline O \\ \hline \\ (CH_3CH_2)_3 \vec{N}H]_3 \\ \hline \end{array}$					

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

Date: 18-Nov-2020

Approved by: Dianna M Wineinger

Analytical Services Manager

Signature: