

Certificate of Analysis						
Name:	BF 594 Acid, TEA Salt *Mixed Isomers* *Pure* Bella Fluor 594 5-(and-6)-carboxylic acid, tris(triethylammonium) salt *Mixed Isomers*					
Catalog Number:	7797	Lot: 51905				
CAS Number:	N/A	Formula: C <sub>53</sub> H <sub>79</sub> N <sub>5</sub> O <sub>11</sub> S <sub>2</sub>		N <sub>5</sub> O <sub>11</sub> S <sub>2</sub>		
Molecular Weight:	1026.35 (g/mol)					
	Observed		Standard			
HPLC Purity:	97% at 254 nm	≥ 95% at 254 nm				
Absorption (Buffer pH 7)						
Wavelength (λ <sub>max</sub> ):	584 nm		585 ± 3 nm			
Extinction:	137,900 cm <sup>-1</sup> M <sup>-1</sup>	125,000 ± 15,000 cm <sup>-1</sup> M <sup>-1</sup>		:m <sup>-1</sup> M <sup>-1</sup>		
Fluorescence (Buffer pH 7)						
Emission Max:	608 nm		610 ± 4 nm			
Storage:	Freeze: Store at -5 to - from light (L)	: Store at -5 to -30°C ( <b>F</b> ), Protect from moisture ( <b>D</b> ), Protect ht ( <b>L</b> )				
Production Lot: 159	003 Release:	12-Oct-201	7 Exp	oiration:	12-Oct-2027	
Structure:	0 0 <sub>3</sub> s 3 (CH <sub>3</sub> CH <sub>2</sub> ) <sub>3</sub> NH O OH	so <sub>3</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:	12-Oct-2017
	Analytical Services Manager		
Signature:	Dianna M Wineu	<u>nger</u>	

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