SETAREH BIOTECH
LITE OF INNOVATION

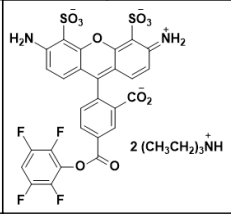
Certificate of Analysis
(C of A)

Name:	**BF 488 5-TFP Ester *5-Isomer*** **Bella Fluor 488 5-TFP Ester *5-Isomer***		
Catalog Number:	8006	Lot:	51326
CAS Number:	N/A	Formula:	$C_{39}H_{44}F_4N_4O_{11}S_2$
Molecular Weight:	884.91 (g/mol)		

	Observed	Standard
HPLC Purity:	82% at 254 nm	≥ 50% at 254 nm
Absorption (Buffer pH 7)		
Wavelength (λ_{max}):	494 nm	494 ± 3 nm
Extinction:	Set 80,000 $cm^{-1}M^{-1}$	Set 80,000 ± N/A $cm^{-1}M^{-1}$
Fluorescence (Buffer pH 7)		
Emission Max:	522 nm	520 ± 4 nm
TLC Purity:	> 95%	≥ 50%
TLC System:	80:20 Acetonitrile / Water	
HPLC: Isomer purity	99% single isomer	>97% single isomer
Storage:	Freeze: Store at -5 to -30°C (**F**), Protect from moisture (**D**), Protect from light (**L**)	

Production Lot:	15976	Release:	29-Jan-2018	Expiration:	29-Jan-2023

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 **Date:** 29-Jan-2018
Analytical Services Manager

Signature: Dianna M. Wineinger

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