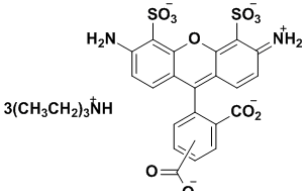


Certificate of Analysis (C of A)					
Name:	BF 488 5(6)-Acid, TEA Salt *Mixed Isomers* Bella Fluor 488 5(6)-carboxylic acid, tris(triethylammonium salt) *Mixed Isomers*				
Catalog Number:	8116	Lot:	51503		
CAS Number:	N/A	Formula:	C ₃₉ H ₅₉ N ₅ O ₁₁ S ₂		
Molecular Weight:	838.04 (g/mol)				
	Observed	Standard			
HPLC Purity:	90% at 254 nm	≥ 85% at 254 nm			
Absorption (Buffer pH 7)					
Wavelength (λ _{max}):	491 nm	490 ± 3 nm			
Extinction:	76,100 cm ⁻¹ M ⁻¹	73,000 ± 7,000 cm ⁻¹ M ⁻¹			
Fluorescence (Buffer pH 7)					
Emission Max:	514 nm	515 ± 4 nm			
Storage:	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)				
Production Lot:	15185	Release:	08-Oct-2015	Expiration:	08-Oct-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: 08-Oct-2015

Signature: 