

Certificate of Analysis							
Name:	BF 488 5(6)-Acid, SE, 2Li Bella Fluor 488 5(6)-carboxylic acid, Succinimidyl Ester, Dilithium Salt						
Catalog Number:	8050			Lot:	51299		
CAS Number:	222164	-96-7	Formula:		C ₂₅ H ₁₅	Li ₂ N ₃ O ₁₃ S ₂	
Molecular Weight:	643.41	(g/mol)					
	Observed			Standard			
HPLC Purity:	80% at 254 nm			≥ 50% at 254 nm			
Absorption (Buffer pH7)							
Wavelength (λ _{max}):	495 nm			493 ± 3 nm			
Extinction:	Set 75,000 cm ⁻¹ M ⁻¹			Set 75,000 ± 7,000 cm ⁻¹ M ⁻¹			
Fluorescence (Buffer pH7)							
Emission Max:	518 nm			518 ± 4 nm			
Storage:	Storage: Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)						
Production Lot: 159	954	Release:	19-Dec-20	17 Ex	piration:	19-Dec-2022	
Structure:	2 Li	SO ₃ NH ₂ CO ₂					

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: 19-Dec-2017

Approved by: Dianna M Wineinger

Analytical Services Manager

Signature: