SETAREH BIOTECH
LITE OF INNOVATION

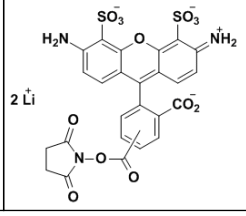
# Certificate of Analysis
(C of A)

| | | | |
|---|---|---|---|
| Name: | **BF 488 5(6)-Acid, SE, 2Li**<br>**Bella Fluor 488 5(6)-carboxylic acid, Succinimidyl Ester, Dilithium Salt** | | |
| Catalog Number: | 8050 | Lot: | 51299 |
| CAS Number: | 222164-96-7 | Formula: | $C_{25}H_{15}Li_2N_3O_{13}S_2$ |
| Molecular Weight: | 643.41 (g/mol) | | |

| | Observed | Standard |
|---|---|---|
| HPLC Purity: | 80% at 254 nm | ≥ 50% at 254 nm |
| **Absorption (Buffer pH7)** | | |
| Wavelength ($\lambda_{max}$): | 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: | Freeze: Store at -5 to -30°C (**F**), Protect from moisture (**D**), Protect from light (**L**) | |

| | | | | | |
|---|---|---|---|---|---|
| Production Lot: | 15954 | Release: | 19-Dec-2017 | Expiration: | 19-Dec-2022 |

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:** 19-Dec-2017
Analytical Services Manager

**Signature:** Dianna M. Wineinger

Setareh Biotech, LLC, 710 Commercial St. Ste 2 Eugene, OR 97402-5348 USA
Phone: 541-515-6560 / Fax: NA e-mail: info@setarehbiotech.com