SETAREH BIOTECH
LITE OF INNOVATION

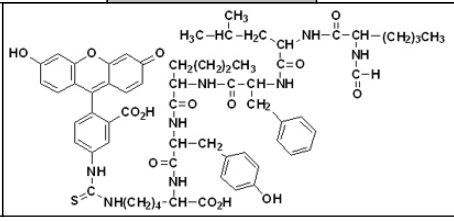
# Certificate of Analysis
(C of A)

| | | | |
|---|---|---|---|
| Name: | Formyl-Nle-Leu-Phe-Nle-Tyr-Lys fluorescein conjugate | | |
| Catalog Number: | 6907 | Lot: | 51034 |
| CAS Number: | N/A | Formula: | $C_{64}H_{76}N_8O_{14}S$ |
| Molecular Weight: | 1213.41 (g/mol) | | |

| | Observed | Standard |
|---|---|---|
| **Absorption (Buffer pH10)** | | |
| Wavelength ($\lambda_{max}$): | 493 nm | 494 ± 3 nm |
| Extinction: | N/A $cm^{-1}M^{-1}$ | 78,000 ± N/A $cm^{-1}M^{-1}$ |
| **Fluorescence (Buffer pH10)** | | |
| Emission Max: | 515 nm | 517 ± 4 nm |
| TLC Purity: | > 90% | ≥ 90% |
| TLC System: | 75:20:5 Chloroform / Methanol / Acetic acid | |
| Storage: | Freeze: Store at -5 to -30°C (**F**), Protect from moisture (**D**), Protect from light (**L**) | |

| | | | | | |
|---|---|---|---|---|---|
| Production Lot: | 13515 | Release: | 28-Aug-2014 | Expiration: | 28-Aug-2024 |

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:** 28-Aug-2014

**Signature:** Dianna M. Wineinger

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