

## **Life Technologies**

## **CERTIFICATE OF ANALYSIS**

Catalog Number D23844

Product Name DAF-FM diacetate (4-amino-5-methylamino-2',7'-difluorofluorescein diacetate) \*special packaging\*

Appearance orange-yellow solid

**Lot Number** 2559174

|   | LOT DATA                              | SPECIFICATION                               |
|---|---------------------------------------|---|
| Absorption <sup>1</sup> Maximum               | 366 nm                                | 365 ± 3 nm                                  |
| Extinction                                    | 6500 cm <sup>-1</sup> M <sup>-1</sup> | 6600 ± 700 cm <sup>-1</sup> M <sup>-1</sup> |
| HPLC<br>Purity                                | 99 % at 254 nm                        | ≥ 80 % at 254 nm                            |
| HPLC <sup>2</sup> Result                      | meets specification                   | corresponds to expected molecular weight    |
| Miscellaneous Information Material Lot Number | 2482421                               | n.a.  |

1. Solvent: Methanol

2. Method: Standard LCMS

Zach Luedtke, Quality Assurance Manager

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27-Mar-2023

Life Technologies Corporation certifies on the date above that this is an accurate record of the analysis of the subject lot, and that the data conform to the specifications in effect for this product at the time of analysis.