



## CERTIFICATE OF ANALYSIS

**Catalog Number** C032  
**Product Name** 5(6)-CFDA, SE; (5-(and-6)-carboxyfluorescein diacetate, succinimidyl ester)  
**CAS Number** 150347-59-4  
**Molecular Formula** C<sub>29</sub>H<sub>19</sub>NO<sub>11</sub>  
**Molecular Weight** 557.47  
**Appearance** white solid  
**Lot Number** AB3087

|   | LOT DATA   | SPECIFICATION  |
|---|--|--|
| <b>Absorption</b> <sup>1</sup><br>Maximum<br>Extinction | 291 nm<br>6,200 cm <sup>-1</sup> M <sup>-1</sup> | 290 ± 4 nm<br>5,900 ± 900 cm <sup>-1</sup> M <sup>-1</sup> |
| <b>HPLC</b><br>Purity                                   | 92 % at 254 nm                                   | ≥ 90 % at 254 nm   |
| <b>NMR</b><br>Result                                    | meets specification                              | consistent with structure                                  |

1. Solvent: Methanol.