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## CERTIFICATE OF ANALYSIS

**Catalog Number** C037  
**Product Name** CellView Blue CMAC, (7-Amino-4-chloromethylcoumarin)  
**Molecular Formula** C<sub>10</sub>H<sub>8</sub>NO<sub>2</sub>Cl  
**Molecular Weight** 209.63  
**Appearance** yellow solid  
**Lot Number** AB3019

|   | LOT DATA  | SPECIFICATION   |
|---|---|---|
| <b>Absorption</b> <sup>1</sup><br>Maximum<br>Extinction | 354 nm<br>14,000 cm <sup>-1</sup> M <sup>-1</sup> | 354 ± 3 nm<br>14,000 ± 1,000 cm <sup>-1</sup> M <sup>-1</sup> |
| <b>Fluorescence</b> <sup>1</sup><br>Emission Maximum    | 465 nm  | 464 ± 4 nm  |
| <b>HPLC</b><br>Purity                                   | 96 % at 254 nm                                    | ≥ 90 % at 254 nm  |
| <b>NMR</b><br>Result                                    | meets specification                               | consistent with structure                                     |

1. Solvent: Buffer, 50 mM potassium phosphate (pH 9).