

### Certificate of Analysis

PRODUCT: Corning® Calcein, AM Fluorescent Dye

CATALOG NUMBER: 354216

LOT NUMBER: 2870101

QUANTITY: 10 vials of 50 µg each

MOLECULAR FORMULA: C<sub>46</sub>H<sub>46</sub>N<sub>2</sub>O<sub>23</sub>

MOLECULAR WEIGHT: 994.87

APPEARANCE: Colorless solid

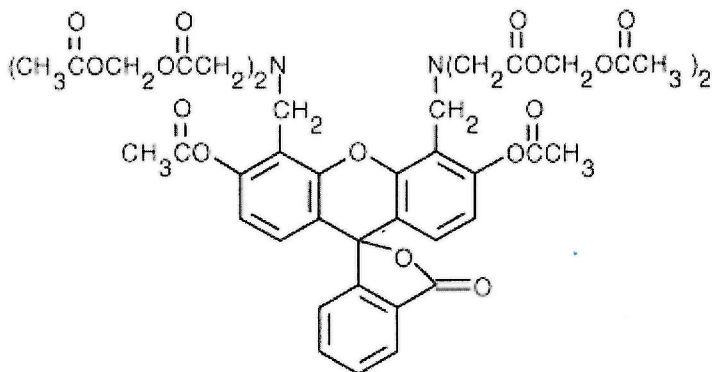
STORAGE: Stable when stored at -20°C, protected from light. Avoid multiple freeze-thaws. Do not store in frost-free freezer. **KEEP FROZEN.**

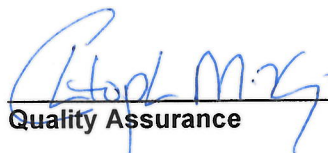
PURITY: >95% by HPLC  
IR conforms to structure

EXTINCTION COEFFICIENT: 7000 M<sup>-1</sup>cm<sup>-1</sup>  
(in MeOH)

EXPIRATION DATE: January 31, 2024

SAFETY RECOMMENDATION: Handle in accordance with good industrial hygiene and laboratory safety practices



  
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Quality Assurance

January 13, 2022  
\_\_\_\_\_  
Date

Discovery Labware, Inc., Two Oak Park, Bedford, MA 01730, Tel: 1.978.442.2200 (U.S.)  
CLSTechServ@Corning.com www.corning.com/lifesciences

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