Certificate of Analysis

PRODUCT:

Corning® Calcein, AM Fluorescent Dye

CATALOG NUMBER:

354216

LOT NUMBER:

2361592

QUANTITY:

10 vials of 50 μg each

MOLECULAR FORMULA:

C46H46N2O23

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:

(in MeOH)

7000 M-1cm-1

EXPIRATION DATE:

August 31, 2022

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

practices

$$(\text{CH}_{3}^{\circ}\text{COCH}_{2}\text{OCCH}_{2})_{2}\text{N} \qquad \text{N(CH}_{2}^{\circ}\text{COCH}_{2}\text{OCCH}_{3})_{2}$$

$$\text{CH}_{3}^{\circ}\text{CO} \qquad \text{CH}_{2} \qquad \text{OCCH}_{3}$$

Quality Assurance

August 06, 2020

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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