

## Certificate of Analysis

Date of Testing: 2023-07-03 18:08:18

Date of Next Testing: 2027-07-02 18:08:18

Product Name: 7-(Diethylamino)-3-phenylcoumarin

CAS Number: 84865-19-0

Specifications & Purity: >98.0%(HPLC)(T)

Lot #: F2326070

SKU #: D154330

Analysis: 128808

| Parameter                   | Limit Values                                      | Result                                            |
|-----------------------------|---------------------------------------------------|---------------------------------------------------|
| Purity(HPLC area)           | > 98 (%)                                          | 99.67 %                                           |
| Assay(Nonaqueous Titration) | 98-102.5 (%)                                      | 100.50 %                                          |
| Melting point               | 151-155 (°C)                                      | 152.79000 °C                                      |
| Appearance(D154330)         | Light yellow to Yellow to Green powder to crystal | Light yellow to Yellow to Green powder to crystal |
| NMR Spectrum 1H             | Conforms to structure                             | Conforms to Structure                             |



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QA & QC Manager