

## Certificate of Analysis

Date of Testing: 2022-12-10 17:09:44

Date of Next Testing: 2026-12-09 17:09:44

Product Name: **Fluorescamine**

CAS Number: 38183-12-9

Specifications & Purity:  $\geq 98\%$

Lot #: L2209018

SKU #: **F109021**

Version: **0**

Analysis #: **141371**

Storage Temperature: Argon charged

| Parameter                                                       | Limit Values           | Result                 |
|-----------------------------------------------------------------|------------------------|------------------------|
| Purity(HPLC)                                                    | 98-100 (%)             | 98.48000 %             |
| Carbon by Elemental Analysis(anhydrous)                         | 72.88-73.88 (%)        | 73.68 %                |
| Molar extinction coefficient(Diethyl ether, 233.0 to 235.0nm)   | $\geq 26000$           | 28885.78               |
| Melting point                                                   | 155-159 (°C)           | 155.01000 °C           |
| Appearance (F109021)                                            | White to Yellow Powder | White to Yellow Powder |
| Solubility in Acetone , Colorless to Yellow, Clear, 50.00 mg/ml | pass                   | Pass                   |
| Identity by NMR(CDCl <sub>3</sub> )                             | Consistent             | Consistent             |



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