

## Certificate of Analysis

Date of Testing: 2023-10-17 17:08:01

Date of Next Testing: 2027-10-16 17:08:01

Product Name: **Fluorescamine**

CAS Number: 38183-12-9

Specifications & Purity: 98%

Lot #: J2312610

SKU #: **F109021**

**Analysis:** **269873**

Storage Temperature: Argon charged

| Parameter                                                      | Limit Values           | Result                 |
|----------------------------------------------------------------|------------------------|------------------------|
| Purity(HPLC)                                                   | 98-100 (%)             | 99.47500 %             |
| Melting point                                                  | 155-159 (°C)           | 155.91000 °C           |
| Carbon by Elemental Analysis(anhydrous)                        | 72.88-73.88 (%)        | 72.89 %                |
| Molar extinction coefficient(Diethyl ether, 233.0 to 235.0nm)  | ≥26000                 | 31339.03               |
| Appearance (F109021)                                           | White to Yellow Powder | White to Yellow Powder |
| Identity by NMR(CDCI3)                                         | Consistent             | Consistent             |
| Solubility in Acetone , Colorless to Yellow,Clear, 50.00 mg/ml | pass                   | Pass                   |



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