

Certificate of Analysis

Date of Testing: 2025-07-05 13:47:33

Date of Next Testing: 2029-07-04 13:47:33

Product Name: **Fluorescamine**

CAS Number: 38183-12-9

Specifications & Purity: $\geq 98\%$

Lot #: F2517436

SKU #: **F109021**

Version: **0**

Analysis #: **338572**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Melting point	155-159 (°C)	156.10000 °C
Molar extinction coefficient(Diethyl ether, 233.0 to 235.0nm	≥ 26000	26000.00
Purity(HPLC)	98-100 (%)	98.34000 %
Carbon by Elemental Analysis(anhydrous)	72.88-73.88 (%)	72.94 %
Appearance (F109021)	White to Yellow Powder	White to Yellow Powder
Identity by NMR(CDCl ₃)	Consistent	Consistent
Solubility in Acetone , Colorless to Yellow, Clear, 50.00 mg/ml	pass	Pass



John Su
QA & QC Manager