

Certificate of Analysis

Date of Testing: 2023-09-12 16:12:17

Date of Next Testing: 2027-09-11 16:12:17

Product Name: **Fluorescamine**

CAS Number: 38183-12-9

Specifications & Purity: $\geq 98\%$

Lot #: I2308176

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)	≥ 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 ₃)	Consistent	Consistent



John Su
QA & QC Manager