

Certificate of Analysis

Date of Testing: 2023-10-17 16:58:56

Date of Next Testing: 2027-10-16 16:58:56

Product Name: **Fluorescamine**

CAS Number: 38183-12-9

Specifications & Purity: 98%

Lot #: J2312603

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



John Su
QA & QC Manager