

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-13 17:22:00  
Date of Next Testing: 2027-05-12 17:22:00  
Product Name: **2',7'-Dichlorofluorescein**  
CAS Number: 76-54-0  
Specifications & Purity: indicator, ≥90.0%  
Lot #: E2309745  
SKU #: **D113554**  
Analysis: **223389**

Parameter	Limit Values	Result
Loss on drying	0-10 (%)	5.81%
Purity(HPLC)	90-100 (%)	99.16100%
Appearance (D113554)	Yellow to Orange to Red-Brown Powder or Solid	Yellow to Orange to Red-Brown Powder or Solid
Clarity of solution	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Sensitiveness test	pass	Pass
Solubility in EtOH , Clear to hazy orange solution at 25 mg/ml	pass	Pass



John Su  
QA & QC Manager