

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-27 15:38:27

Date of Next Testing: 2028-11-26 15:38:27

Product Name: **Acridine Yellow G**

CAS Number: 135-49-9

Specifications & Purity:  $\geq 90\%$ 

Lot #: K2420648

SKU #: **A121934**Version: **0**Analysis #: **351267**

Parameter	Limit Values	Result
Loss on drying	0-10 (%)	4.70 %
Dye Content	90-100 (%)	95.60 %
Extinction Coefficient(439 - 445 nm)	$\geq 30000$	33000.00
Extinction Coefficient(262 - 268 nm)	$\geq 44000$	48500.00
Appearance (A121934)	Dark Orange to Dark Brown Powder, Crystals	Dark Orange to Dark Brown Powder, Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Clear to Slightly Hazy, Yellow to Orange, 1mg/ml	pass	Pass

John Su  
QA & QC Manager