

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-08-31 13:43:54  
Date of Next Testing: 2023-08-31 13:43:54  
Product Name: **Lucifer Yellow CH dilithium salt**  
CAS Number: 67769-47-5  
Specifications & Purity:  $\geq 80.0\%$  (HPLC at 254 nm)  
Lot #: H2219478  
SKU #: **L131282**  
**Analysis: 115816**  
Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Purity(HPLC)(254 nm)	80-100 (%)	80.00%
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (L131282)	White to Yellow to Light Orange to Very Dark Orange Powder or Crystal	White to Yellow to Light Orange to Very Dark Orange Powder or Crystal
Solubility in H <sub>2</sub> O , Yellow to Orange, Clear to Slightly Hazy, 1 mg/ml	pass	Pass



John Su  
QA & QC Manager