

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-10 17:16:53

Date of Next Testing: 2026-10-10 17:16:53

Product Name: **Lucifer Yellow CH dilithium salt**

CAS Number: 67769-47-5

Specifications & Purity:  $\geq 80\%$ (HPLC)

Lot #: L2413444

SKU #: **L131282**

Version: **0**

Analysis #: **579883**

Storage Temperature: Protected from light,Store at -20°C

| Parameter                                                                        | Limit Values                                                          | Result                                                                |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------|
| Purity(HPLC)(254 nm)                                                             | 80-100 (%)                                                            | 80.00000 %                                                            |
| 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 |
| Infrared spectrum                                                                | Conforms to Structure                                                 | Conforms to Structure                                                 |
| Proton NMR spectrum                                                              | Conforms to Structure                                                 | Conforms to Structure                                                 |
| Solubility in H <sub>2</sub> O , Yellow to Orange,Clear to Slightly Hazy,1 mg/ml | pass                                                                  | Pass                                                                  |



John Su  
QA & QC Manager