

## Certificate of Analysis

Date of Testing: 2024-09-05 16:48:17  
Date of Next Testing: 2025-09-05 16:48:17  
Product Name: **Lucifer Yellow CH dilithium salt**  
CAS Number: 67769-47-5  
Specifications & Purity:  $\geq 80.0\%$  (HPLC at 254 nm)  
Lot #: C2302904  
SKU #: **L131282**  
Version: **0**  
Analysis #: **407541**  
Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Purity(HPLC)(254 nm)	80-100 (%)	80.00%
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



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QA & QC Manager