

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-09 16:05:59  
Date of Next Testing: 2028-09-08 16:05:59  
Product Name: **Calcein**  
CAS Number: 154071-48-4  
Specifications & Purity: Isomer mixture  
Lot #: I2503476  
SKU #: **C302986**  
Version: **1**  
Analysis #: **558788**  
Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Carbon by Elemental Analysis	53.95-61.68 (%)	60.42 %
Appearance(C302986)	Yellow to Orange to Brown powder to crystalline	Yellow to Orange to Brown powder to crystalline
Suitability(Suitable for fluorometric determination of Ca.)	Suitable	Suitable
Suitability(Suitable for EDTA titration of Ca in the presence of Mg.)	Suitable	Suitable
Solubility (50 mg/mL, 1 M NaOH)(Clear Orange to Brown)	pass	Pass



John Su  
QA & QC Manager