

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-26 18:50:55

Date of Next Testing: 2028-03-25 18:50:55

Product Name: **Calcein**

CAS Number: 154071-48-4

Specifications & Purity: Isomer mixture

Lot #: C2518591

SKU #: **C302986**

Version: **1**

Analysis #: **475857**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Carbon by Elemental Analysis	53.95-61.68 (%)	60.43000 %
Appearance(C302986)	Yellow to Orange to Brown powder to crystalline	Yellow to Orange to Brown powder to crystalline
Solubility (50 mg/mL, 1 M NaOH)(Clear Orange to Brown)	pass	Pass
Suitability(Suitable for fluorometric determination of Ca.)	Suitable	Suitable
Suitability(Suitable for EDTA titration of Ca in the presence of Mg.)	Suitable	Suitable



John Su
QA & QC Manager