

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-02-21 16:35:47
Date of Next Testing: 2027-02-20 16:35:47
Product Name: **Calcein**
CAS Number: 154071-48-4
Specifications & Purity: Isomer mixture
Lot #: B2418273
SKU #: **C302986**
Analysis: **317419**
Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Carbon by Elemental Analysis	53.95-61.68 (%)	57.83%
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
Appearance(C302986)	Yellow to Orange to Brown powder to crystalline	Yellow to Orange to Brown powder to crystalline



John Su
QA & QC Manager