

Certificate of Analysis

Date of Testing: 2024-07-24 17:19:31
Date of Next Testing: 2027-07-24 17:19:31
Product Name: **Calcein**
CAS Number: 154071-48-4
Specifications & Purity: Isomer mixture
Lot #: G2422030
SKU #: **C302986**
Version: **1**
Analysis #: **383889**
Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Carbon by Elemental Analysis	53.95-61.68 (%)	55.28 %
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