

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-04-27 09:28:43

Date of Next Testing: 2028-04-26 09:28:43

Product Name: **Calcein**

CAS Number: 154071-48-4

Specifications & Purity: Isomer mixture

Lot #: D2515094

SKU #: **V30062**

Version: **0**

Analysis #: **504598**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Carbon by Elemental Analysis	53.95-61.68 (%)	55.28 %
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(V30062)	Yellow to Orange to Brown powder to crystalline	Yellow to Orange to Brown powder to crystalline

Quality Assurance : Xiaoyong Tan

Quality Control : Yunlei Zhu

