

## Certificate of Analysis

Date of Testing: 2024-02-29 15:27:21  
Date of Next Testing: 2027-02-28 15:27:21  
Product Name: **Calcein indicator**  
CAS Number: 1461-15-0  
Specifications & Purity: for metal determination  
Lot #: B2422252  
SKU #: **C432128**  
**Analysis:** **317969**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Absorption maximum $\lambda_{max}$ . (NaOH 0.05 mol)	498-503 (nm)	500.00000 nm
Spec. Absorptivity A 1%/1cm (Amax.; 0.005 g/; NaOH 0,05 mol/; calc. on dried substances)	1000-1250	1175.00000
Loss on drying(110°C) solution (2 g/l; NaOH 1 moll)	0-7 (%) passes	7.00 % passes
Identity (UV/VIS Spectrum)	Confirmed	Confirmed
Suitability as indicator (for metal titration)	passes test	Passes test
Appearance(C432128)	Orange to Brown powder to crystalline	Orange to Brown powder to crystalline



John Su  
QA & QC Manager