

## Certificate of Analysis

Date of Testing: 2024-08-09 15:16:17  
Date of Next Testing: 2027-08-09 15:16:17  
Product Name: **Calcein indicator**  
CAS Number: 1461-15-0  
Specifications & Purity: for metal determination  
Lot #: G2429491  
SKU #: **C432128**  
Version: **1**  
Analysis #: **373936**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
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)	0-7 (%)	7.00 %
Absorption maximum $\lambda_{max}$ . (NaOH 0.05 mol) solution (2 g/l; NaOH 1 mol)	498-503 (nm)	501.00000 nm
Identity (UV/VIS Spectrum)	passes	passes
Suitability as indicator (for metal titration)	Confirmed	Confirmed
Appearance(C432128)	passes test	Passes test
	Orange to Brown powder to crystalline	Orange to Brown powder to crystalline



John Su  
QA & QC Manager