

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-16 10:36:59

Date of Next Testing: 2029-03-15 10:36:59

Product Name: **Calcein indicator**

CAS Number: 1461-15-0

Specifications & Purity: metal indicator

Lot #: C2604583

SKU #: **C432128**

Version: **1**

Analysis #: **628139**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Absorption maximum $\lambda_{\max}$. (NaOH 0.05 mol)	498-503 (nm)	500.23000 nm
Spec. Absorptivity A 1%/1cm (A _{max} ; 0.005 g/; NaOH 0,05 mol/; 1000-1250 calc. on dried substances)		1175.00000
Loss on drying(110°C)	0-7 (%)	7.00000 %
solution (2 g/l; NaOH 1 mol)	passes	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