

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-09 15:17:27
Date of Next Testing: 2027-08-09 15:17:27
Product Name: **Calcein indicator**
CAS Number: 1461-15-0
Specifications & Purity: for metal determination
Lot #: G2429492
SKU #: **C432128**
Version: **1**
Analysis #: **377268**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Absorption maximum λ_{\max} . (NaOH 0.05 mol)	498-503 (nm)	500.00000 nm
Spec. Absorptivity A 1%/1cm (A_{\max} ; 0.005 g/; NaOH 0,05 mol/; calc. on dried substances)	1000-1250	1175.00000
Loss on drying(110°C)	0-7 (%)	7.00 %
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