

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-14 15:39:17
 Date of Next Testing: 2028-04-13 15:39:17
 Product Name: **Calcein, AM**
 CAS Number: 148504-34-1
 Specifications & Purity: for fluorescence analysis, $\geq 96\%$ (HPLC)
 Lot #: D2613218
 SKU #: **C131116**
 Version: **0**
 Analysis #: **683925**
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	96-100 (%)	98.32000 %
Appearance (C131116)	Colorless to Off white to Yellow Film, Oil, Paste or Solid	Colorless to Off white to Yellow Film, Oil, Paste or Solid
Solubility in DMSO , Colorless to Light Yellow	Conforms	Conforms
Clear(1mg/0.1ml)		
Fluorescence, $\lambda_{ex} 496\text{nm}$; $\lambda_{em} 516\text{nm}$ in 0.1M	Conforms	Conforms
Tris pH8.0, esterase, Ca		
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager