

Certificate of Analysis

Date of Testing: 2024-07-18 13:24:18
Date of Next Testing: 2026-07-18 13:24:18
Product Name: **Calcein, AM**
CAS Number: 148504-34-1
Specifications & Purity: $\geq 96.0\%$ (HPLC), suitable for fluorescence
Lot #: J2215198
SKU #: **C131116**
Version: **0**
Analysis #: **389909**
Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	96-100 (%)	98.30000 %
Appearance (C131116)	Colorless to Off white to Yellow Film, Oil, Paste or Solid	Colorless to Off white to Yellow Film, Oil, Paste or Solid
Fluorescence, $\lambda_{\text{ex}} 496\text{nm}$; $\lambda_{\text{em}} 516\text{nm}$ in 0.1M Tris pH8.0, esterase, Ca	Conforms	Conforms
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in DMSO , Colorless to Light Yellow Clear(1mg/0.1ml)	Conforms	Conforms



John Su
QA & QC Manager