

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Calcein, AM**
Specifications & Purity: $\geq 96.0\%$ (HPLC), for fluorescence Analysis
SKU #: **C131116**

Parameter	Limit Values
Purity(HPLC)	96-100 (%)
Appearance (C131116)	Colorless to Off white to Yellow Film, Oil, Paste or Solid
Fluorescence, $\lambda_{ex} 496\text{nm}$; $\lambda_{em} 516\text{nm}$ in 0.1M Tris pH 8.0, esterase, Ca	Conforms
Proton NMR spectrum	Conforms to Structure
Solubility in DMSO, Colorless to Light Yellow Clear (1mg/0.1ml)	Conforms