

Catalog Number C34851
Product Name calcein red-orange, AM *special packaging*
Molecular Formula $C_{35}H_{42}BF_2N_5O_{13}$
Molecular Weight 789.55
Appearance purple solid
Lot Number 792615

	LOT DATA	SPECIFICATION
Absorption ¹ Maximum Extinction	578 nm 89000 cm ⁻¹ M ⁻¹	576 ± 3 nm 90000 ± 7000 cm ⁻¹ M ⁻¹
Fluorescence ¹ Emission Maximum	590 nm	589 ± 4 nm
HPLC Purity	97 % at 576 nm	≥ 90 % at 576 nm
NMR Result	meets specification	consistent with structure
Miscellaneous Information Material Lot Number	779472	N/A

1. Solvent: Methanol.



Terence Featherstone, Ph.D., Biosciences Quality Control Manager
19-Jul-2010

Life Technologies Corporation, on behalf of its Invitrogen business, Molecular Probes® labeling and detection technologies, certifies on the date above that this is an accurate record of the analysis of the subject lot and that the data conform to the specifications in effect for this product at the time of analysis.