
CERTIFICATE of ANALYSIS

PRODUCT:	5 FAM Diacetate (5-Carboxyfluorescein diacetate); (5-CFDA) C ₂₅ H ₁₆ O ₉ , M.W. 460 g/mol, CAS# [79955-27-4]
PRODUCT NUMBER:	C-1391
LOT NUMBER:	G1008A
APPEARANCE:	Off-white solid
SOLUBILITY:	Soluble in DMSO
PURITY (HPLC):	99%
ABSORBANCE SPECTRUM:	
λ (before hydrolysis)(nm):	< 300
λ (pH9, after hydrolysis)(nm):	492
ε (492):	78,000
FLUORESCENCE SPECTRUM:	
λ _{em} (before hydrolysis)(nm):	N/A
λ _{em} (pH9, after hydrolysis)(nm):	517
PRODUCT DESCRIPTION:	Non-fluorescent derivative of 5-Carboxyfluorescein. Product does not fluoresce until acetate groups hydrolyze, then has fluorescent properties of fluorescein.
STORAGE & HANDLING:	Store at -20°C. PROTECT FROM LIGHT & MOISTURE! CAUTION: For research use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: EK