



CERTIFICATE OF ANALYSIS

Catalog Number C027
Product Name 2',7'-bis-(2-carboxyethyl)-5-(and-6)-carboxyfluorescein (BCECF acid)
CAS Number 85138-49-4
Molecular Formula C₂₇H₂₀O₁₁
Molecular Weight 520.45
Appearance orange solid
Lot Number AB2035

	LOT DATA	SPECIFICATION
Absorption ¹ Maximum Extinction	503 nm 87,000 cm ⁻¹ M ⁻¹	503 ± 4 nm 83,000 ± 7,000 cm ⁻¹ M ⁻¹
Fluorescence ¹ Emission Maximum	525 nm	528 ± 4 nm
HPLC Purity	92 % at 254 nm	≥ 90 % at 254 nm
NMR Result	meets specification	consistent with structure

1. Solvent: Buffer, 50 mM potassium phosphate (pH 9).