

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

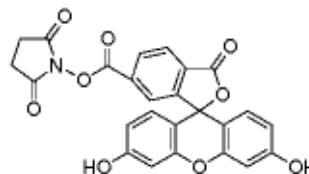
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

6-Carboxyfluorescein N-hydroxysuccinimide ester

Product Number: C3984
Lot Number: SLBC9185V
Brand: SIAL
CAS Number: 92557-81-8
MDL Number: MFCD00077323
Formula: C₂₅H₁₅NO₉
Formula Weight: 473.39 g/mol
Storage Temperature: Store at -20 °C
Quality Release Date: 18 MAY 2012



Test	Specification	Result
Appearance (Color)	Yellow to Orange	Orange
Appearance (Form)	Powder or Solid	Solid
Proton NMR Spectrum	Conforms to Structure	Conforms
Fluorescence	512 - 520 nm	518 nm
Emission maximum		
Purity (HPLC)	≥ 90 %	99 %
254 nm		
% Purity (HPLC)	≥ 97	99
254 nm (isomer purity)		
EmM	74000 - 86000	79000
in 50 mM phosphate buffer, pH 9.0		
Wavelength	492 - 498 nm	496 nm

Rodney Burbach, Manager
Analytical Services
St. Louis, Missouri US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.