

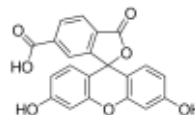
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
6-Carboxyfluorescein – ~97% (HPLC)

Product Number: **C0662**
CAS Number: 3301-79-9
Formula: C₂₁H₁₂O₇
Formula Weight: 376.32 AMU



TEST	Specification
------	---------------

Appearance (Form)	Powder
Appearance (Colour)	Dark Yellow to Dark Orange
Solubility (Solvent)	0.1N NaOH
Solubility (Conc)	9.80 - 10.20 mg/ml
Solubility (Heating)	Yes or No
Solubility (Turbidity)	Clear to Slightly Hazy
Solubility (Color)	Orange
Elemental Anal. (%C anhydrous)	66.50 - 67.50 %
NMR (Solvent)	NaOD 0.1N
Identity by NMR	Consistent
NMR (Residual Solvent 1)	Acetic Acid
NMR (% Solvent 1)	≤ 1.00 %
Purity (HPLC)	≥ 96.00 %
Recommended Retest Period	-----
3 Years	

Specification: PRE.2.ZQ5.10000001306

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.