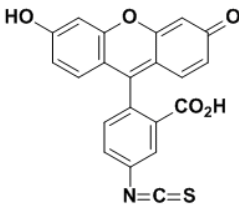


Certificate of Analysis (C of A)					
Name:	FITC isomer I *Single Isomer* Fluorescein-5-isothiocyanate				
Catalog Number:	7023		Lot:	50296	
CAS Number:	3326-32-7		Formula:	C ₂₁ H ₁₁ NO ₅ S	
Molecular Weight:	389.38 (g/mol)				
	Observed	Standard			
HPLC Purity:	99% at 254 nm		≥ 95% at 254 nm		
Absorption (Buffer pH 10)					
Wavelength (λ_{max}):	494 nm		494 ± 3 nm		
Extinction:	83,200 cm ⁻¹ M ⁻¹		78,000 ± 7,000 cm ⁻¹ M ⁻¹		
TLC Purity:	> 98%		≥ 95%		
TLC System:	80:20 Chloroform / Methanol				
Storage:	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)				
Production Lot:	14647	Release:	10-Dec-2014	Expiration:	03-Dec-2024
Structure:					

This data reflects the accuracy of the analysis of the subject lot
 For research use only. Not for human use. No animal source.
 This material is chemically synthesized and manufactured in the USA

Approved by: Dianna M Wineinger
 Analytical Services Manager

Date: 10-Dec-2014

Signature: 