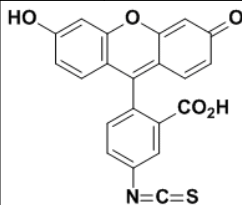


## Certificate of Analysis

(C of A)

Name:		FITC isomer I *Single Isomer* Fluorescein-5-isothiocyanate			
Catalog Number:		7023	Lot:		52410
CAS Number:		3326-32-7	Formula:		C <sub>21</sub> H <sub>11</sub> NO <sub>5</sub> 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 <sub>max</sub> ):		494 nm	494 ± 3 nm		
Extinction:		74,800 cm <sup>-1</sup> M <sup>-1</sup>	78,000 ± 7,000 cm <sup>-1</sup> M <sup>-1</sup>		
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:		14648	Release:	04-Feb-2021	Expiration: 04-Feb-2031
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:** 04-Feb-2021

**Signature:** 