SETAREH BIOTECH
LITE OF INNOVATION

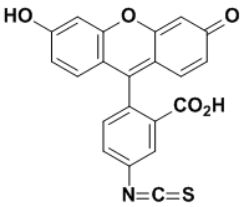
Certificate of Analysis
(C of A)

Name:	**FITC isomer I *Single Isomer*** **Fluorescein-5-isothiocyanate**		
Catalog Number:	7023	Lot:	52159
CAS Number:	3326-32-7	Formula:	$C_{21}H_{11}NO_5S$
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:	74,800 $cm^{-1}M^{-1}$	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:	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 **Date:** 04-Feb-2021
Analytical Services Manager

Signature: Dianna M. Wineinger

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