SETAREH BIOTECH
LITE OF INNOVATION

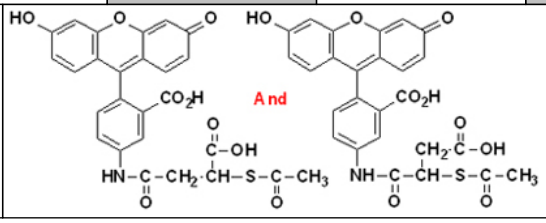
Certificate of Analysis
(C of A)

Name:	**SAMSA Fluorescein *Mixed isomers*** **5-((2-(or-3)-S-(Acetylmercapto)succinoyl)amino)fluorescein**		
Catalog Number:	6631	Lot:	50309
CAS Number:	N/A	Formula:	$C_{26}H_{19}NO_9S$
Molecular Weight:	521.50 (g/mol)		

	Observed	Standard
HPLC Purity:	88% at 254 nm	≥ 85% at 254 nm
Absorption (Buffer pH 10)		
Wavelength (λ_{max}):	491 nm	493 ± 3 nm
Extinction:	88,700 $cm^{-1}M^{-1}$	84,000 ± 6,000 $cm^{-1}M^{-1}$
Fluorescence (Buffer pH 10)		
Emission Max:	514 nm	518 ± 4 nm
TLC Purity:	> 95%	≥ 85%
TLC System:	75:20:5 Chloroform/ Methanol/ Acetic acid	
Storage:	Freeze: Store at -5 to -30°C (**F**), Protect from moisture (**D**), Protect from light (**L**)	

Production Lot:	14754	Release:	03-Feb-2015	Expiration:	03-Feb-2025

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:** 03-Feb-2015
Analytical Services Manager

Signature: Dianna M Wineinger

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