

Certificate of Analysis						
Name: SAMSA Fluorescein *Mixed isomers* 5-((2-(or-3)-S-(Acetylmercapto)succinoyl)amino)fluorescein						
Catalog Number:	6631	Lot: 50967				
CAS Number:	N/A	Formula: C ₂₆ H ₁₉ NO ₉ S			NO ₉ S	
Molecular Weight:	521.50 (g/mol)					
	Observed	Standa				
HPLC Purity:	88% at 254 nm		≥ 85% at 2	85% at 254 nm		
Absorption (Buffer pH 10)						
Wavelength (λ _{max}):	491 nm	91 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: 147	754 Release:	03-Feb-20	15 Ex	piration:	03-Feb-2025	
Structure: HO O O CO ₂ H And CO ₂ H O CH ₂ C-OH HN-C-CH ₂ -CH-S-C-CH ₃ NH-C-CH-S-C-CH ₃						

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: