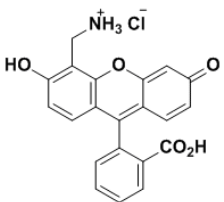


Certificate of Analysis (C of A)			
Name:	4'-AMF 4'-(Aminomethyl)fluorescein, HCl		
Catalog Number:	6985	Lot:	50298
CAS Number:	91539-64-9	Formula:	C ₂₁ H ₁₆ ClNO ₅
Molecular Weight:	397.81 (g/mol)		
	Observed	Standard	
HPLC Purity:	97% at 254 nm	≥ 95% at 254 nm	
Absorption (Buffer pH 10)			
Wavelength (λ _{max}):	491 nm	491 ± 3 nm	
Extinction:	77,400 cm ⁻¹ M ⁻¹	82,000 ± 6,000 cm ⁻¹ M ⁻¹	
Fluorescence (Buffer pH 10)			
Emission Max:	513 nm	514 ± 4 nm	
TLC Purity:	> 99%	≥ 95%	
TLC System:	75:20:5 Chloroform/ Methanol/ Acetic acid		
Storage:	Store at Room Temperature (RT), Protect from moisture (D), Protect from light (L)		
Production Lot:	14743	Release:	29-Jan-2015
		Expiration:	29-Jan-2035
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: 29-Jan-2015

Signature: Dianna M. Wineinger