

Certificate of Analysis						
Name:	DMACA, SE 7-Dimethylaminocoumarin-4-acetic acid, succinimidyl ester					
Catalog Number:	6062	Lot: 51098				
CAS Number:	96686-59-8	Formula: C ₁₇ H ₁₆ N ₂ O ₆		N ₂ O ₆		
Molecular Weight:	344.32 (g/mol)					
	Observed		Standard	ndard		
HPLC Purity:	97% at 254 nm		≥ 90% at 254 nm			
Absorption (Methanol)						
Wavelength (λ _{max}):	377 nm		375 ± 3 nm			
Extinction:	21,400 cm ⁻¹ M ⁻¹		21,000 ± 1,500 cm ⁻¹ M ⁻¹			
Fluorescence (Methanol)						
Emission Max:	472 nm		470 ± 4 nm			
TLC Purity:	> 98%		≥ 90%			
TLC System:	95:5 Chloroform / Methanol					
Storage:	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)					
Production Lot: 155	Release:	13-Feb-20	17 Ex	piration:	13-Feb-2022	
Structure: (CH ₃) ₂ N O O O CH ₂ -CO N O O O O O O O O O O O O O O O O O O						

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: 13-Feb-2017

Analytical Services Manager

Signature: Wanna M Wineinger