

Certificate of Analysis						
Name:	DEAC, SE 7-Diethylaminocoumarin-3-carboxylic acid, succinimidyl ester					
Catalog Number:	6016	Lot: 52223				
CAS Number:	139346-57-9	Formula: C <sub>18</sub> H <sub>18</sub> N <sub>2</sub> O <sub>6</sub>		N <sub>2</sub> O <sub>6</sub>		
Molecular Weight:	358.35 (g/mol)					
	Observed	Standard				
HPLC Purity:	99% at 254 nm		≥ 90% at 2	: 90% at 254 nm		
Absorption (Methanol)						
Wavelength (λ <sub>max</sub> ):	433 nm		432 ± 3 nm			
Extinction:	63,400 cm <sup>-1</sup> M <sup>-1</sup>		60,000 ± 5,000 cm <sup>-1</sup> M <sup>-1</sup>			
Fluorescence (Methanol)						
Emission Max:	472 nm		472 ± 4 nm			
TLC Purity:	> 99%		≥ 90%			
TLC System:	95:5 Chloroform / Methanol					
Storage:	Freeze: Store at -5 to -30°C ( <b>F</b> ), Protect from moisture ( <b>D</b> ), Protect from light ( <b>L</b> )					
Production Lot: 150	Release:	16-Aug-20	21 Ex	piration:	16-Aug-2026	
Structure:	(CH <sub>3</sub> CH <sub>2</sub> ) <sub>2</sub> N O 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: 16-Aug-2021

**Analytical Services Manager** 

Signature: Wanna M Wineinger