

Certificate of Analysis					
Name:	AMCA-X, SE 6-((7-Amino-4-methylcoumarin-3-acetyl)amino)hexanoic acid, succinimidyl ester				
Catalog Number:	6029	Lot: 50934			
CAS Number:	216309-02-3	Formula: C <sub>22</sub> H <sub>25</sub> N <sub>3</sub> O <sub>7</sub>			
Molecular Weight:	443.45 (g/mol)				
	Observed	Standard			
HPLC Purity:	97% at 254 nm	≥ 90%		90% at 254 nm	
Absorption (Methanol)					
Wavelength (λ <sub>max</sub> ):	352 nm	52 nm		353 ± 3 nm	
Extinction:	19,200 cm <sup>-1</sup> M <sup>-1</sup>		18,500 ± 1,500 cm <sup>-1</sup> M <sup>-1</sup>		
Fluorescence (Methanol)					
Emission Max:	440 nm		440 ± 4 nm		
TLC Purity:	> 97%		≥ 90%		
TLC System:	90:10 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: 149	995 Release:	06-Jul-202	1 Ex	piration: 06-Jul-2026	
Structure: H <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: 06-Jul-2021

**Analytical Services Manager** 

Signature: W/Q//