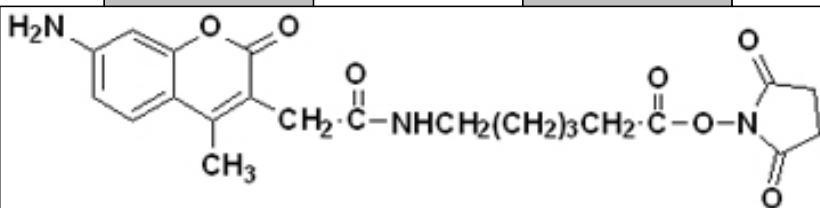


Certificate of Analysis (C of A)					
Name:		AMCA-X, SE 6-((7-Amino-4-methylcoumarin-3-acetyl)amino)hexanoic acid, succinimidyl ester			
Catalog Number:		6029	Lot:		52155
CAS Number:		216309-02-3	Formula:		C ₂₂ H ₂₅ N ₃ O ₇
Molecular Weight:		443.45 (g/mol)			
	Observed		Standard		
HPLC Purity:		97% at 254 nm	≥ 90% at 254 nm		
Absorption (Methanol)					
Wavelength (λ _{max}):		352 nm	353 ± 3 nm		
Extinction:		19,200 cm ⁻¹ M ⁻¹	18,500 ± 1,500 cm ⁻¹ M ⁻¹		
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 (F), Protect from moisture (D), Protect from light (L)			
Production Lot:		14995	Release:	06-Jul-2021	Expiration: 06-Jul-2026
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: 06-Jul-2021

Signature: Dianna M. Wineinger