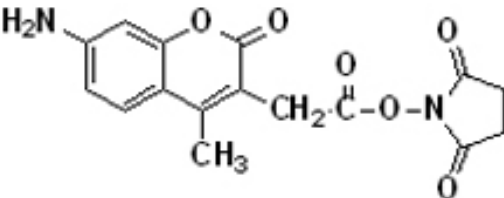


Certificate of Analysis (C of A)			
Name:	AMCA, SE 7-Amino-4-methyl-3-coumarin acetic acid, succinimidyl ester		
Catalog Number:	6030	Lot:	51982
CAS Number:	113721-87-2	Formula:	C ₁₆ H ₁₄ N ₂ O ₆
Molecular Weight:	330.30 (g/mol)		
	Observed	Standard	
HPLC Purity:	94% at 254 nm	≥ 80% at 254 nm	
Absorption (Methanol)			
Wavelength (λ _{max}):	354 nm	354 ± 3 nm	
Extinction:	18,100 cm ⁻¹ M ⁻¹	18,000 ± 1,500 cm ⁻¹ M ⁻¹	
Fluorescence (Methanol)			
Emission Max:	440 nm	440 ± 4 nm	
TLC Purity:	> 98%	≥ 80%	
TLC System:	85:15 Chloroform / Methanol		
Storage:	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)		
Production Lot:	15320	Release:	06-Jun-2019
		Expiration:	06-Jun-2024
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-Jun-2019

Signature: Dianna M. Wineinger