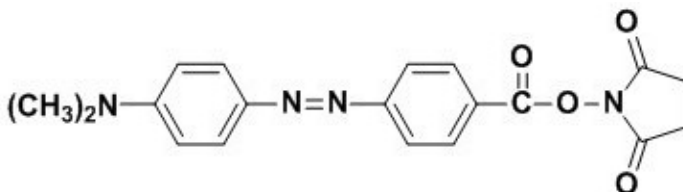


Certificate of Analysis

(C of A)

Name:		Dabcyl, SE 4-((4-(Dimethylamino)phenyl)azo)benzoic acid, succinimidyl ester			
Catalog Number:		6078	Lot:		50795
CAS Number:		146998-31-4	Formula:		C ₁₉ H ₁₈ N ₄ O ₄
Molecular Weight:		366.38 (g/mol)			
		Observed		Standard	
Absorption (Methanol)					
Wavelength (λ _{max}):		456 nm	453 ± 3 nm		
Extinction:		33,600 cm ⁻¹ M ⁻¹	33,500 ± 2,500 cm ⁻¹ M ⁻¹		
TLC Purity:		> 99%	≥ 90%		
TLC System:		1:1 Hexane/ Ethyl acetate			
Storage:		Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)			
Production Lot:		15331	Release:	25-Mar-2016	Expiration: 25-Mar-2021
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: 25-Mar-2016

Signature: 