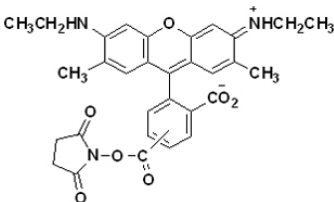


Certificate of Analysis (C of A)			
Name:	5(6)-CR 6G, SE 5(6)-Carboxyrhodamine 6G, succinimidyl ester *Mixed Isomers*		
Catalog Number:	6870	Lot:	50783
CAS Number:	349672-89-5	Formula:	C ₃₁ H ₂₉ N ₃ O ₇
Molecular Weight:	555.59 (g/mol)		
	Observed	Standard	
HPLC Purity:	82% at 254 nm	≥ 80% at 254 nm	
Absorption (Methanol)			
Wavelength (λ _{max}):	524 nm	524 ± 3 nm	
Extinction:	90,800 cm ⁻¹ M ⁻¹	94,000 ± 8,000 cm ⁻¹ M ⁻¹	
Fluorescence (Methanol)			
Emission Max:	554 nm	552 ± 4 nm	
TLC Purity:	> 90%	≥ 80%	
TLC System:	80:20 Chloroform / Methanol		
Storage:	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)		
Production Lot:	15299	Release:	22-Sep-2021
		Expiration:	22-Sep-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: 22-Sep-2021

Signature: Dianna M. Wineinger