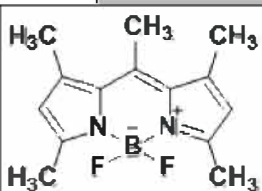




NemaMetrix

Certificate of Analysis

(C of A)

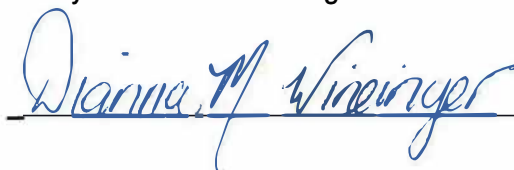
Name:		RediStain WormDye Lipid Green *5 mM Solution in DMSO*			
Catalog Number:	DYE9441	Lot:	51175		
CAS Number:	121207-31-6	Formula:	C ₁₄ H ₁₇ BF ₂ N ₂		
Molecular Weight:	262.11 (g/mol)	Appearance:	Yellow Solution		
Observed		Standard			
HPLC Purity:	99% at 503 nm	≥ 95% at 503 nm			
Absorption (Methanol)					
Wavelength (λ _{max}):	493 nm	493 ± 3 nm			
Extinction:	88,300 cm ⁻¹ M ⁻¹	88,000 ± 6,000 cm ⁻¹ M ⁻¹			
Fluorescence (Methanol)					
Emission Max:	508 nm	504 ± 4 nm			
TLC Purity:	> 99%	≥ 95%			
TLC System:	4:1 Hexane/Ethyl Acetate				
Storage:	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)				
Production Lot:	14355	Release:	18-Jul-2014	Expiration:	18-Jul-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 Wineinger
Analytical Services Manager

Date: 18-Jul-2014

Signature:



Date: 16-Jun-2017