



NemaMetrix

### Certificate of Analysis

(C of A)

Name:	RediStain WormDye Live/Dead *0.2 mM Solution in DMSO* NucGel XVIII Nucleic Acid Stain				
Catalog Number:	DYE9438	Lot:	51172		
Molecular Weight:	963.58 (g/mol)	Appearance:	Orange Solution		
<b>Observed</b>					
<b>Standard</b>					
HPLC Purity:	99% at 254 nm		≥ 90% at 254 nm		
<b>Absorption (Methanol)</b>					
Wavelength ( $\lambda_{max}$ ):	500 nm	500 ± 3 nm			
Extinction:	73,200 cm <sup>-1</sup> M <sup>-1</sup>	75,000 ± 5,000 cm <sup>-1</sup> M <sup>-1</sup>			
Storage:	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)				
Production Lot:	15160	Release:	18-Sep-2015	Expiration:	18-Sep-2025

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: 18-Sep-2015

Signature:

Date: 16-Jun-2017