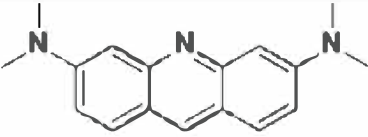




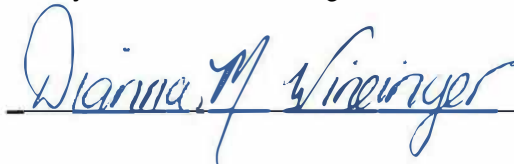
NemaMetrix

Certificate of Analysis (C of A)			
Name:	RediStain WormDye Lyso *4mg/mL Solution in Water* 3,6-Bis(dimethylamino)acridine hydrochloride		
Catalog Number:	DYE9440	Lot:	51191
CAS Number:	65-61-2	Formula:	C <sub>17</sub> H <sub>20</sub> N <sub>3</sub>
Molecular Weight:	301.82 (g/mol)	Appearance:	Orange Solution
<b>Observed</b>			
HPLC Purity:	99% at 254 nm	<b>Standard</b>	
		≥ 98% at 254 nm	
<b>Absorption (Methanol)</b>			
Wavelength (λ <sub>max</sub> ):	489 nm	489 ± 3 nm	
Extinction:	71,900 cm <sup>-1</sup> M <sup>-1</sup>	73,000 ± 6,000 cm <sup>-1</sup> M <sup>-1</sup>	
Storage:	Refrigerate: Store at 4-8°C (Ref), Protect from light (L)		
Production Lot:	15819	Release:	08-Jun-2017
		Expiration:	08-Jun-2027
Structure:	 HCl xH <sub>2</sub> O		

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: 08-Jun-2017

Signature:  Date: 16-Jun-2017