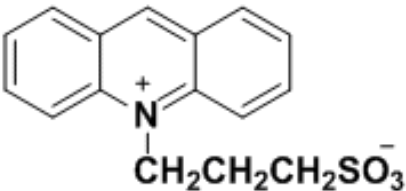


<b>Certificate of Analysis</b> (C of A)					
<b>Name:</b>	SPA [10-(3-Sulfopropyl)acridinium betaine] N-(3-Sulfopropyl)acridinium inner salt				
<b>Catalog Number:</b>	9097	<b>Lot:</b>	51908		
<b>CAS Number:</b>	83907-41-9	<b>Formula:</b>	C <sub>16</sub> H <sub>15</sub> NO <sub>3</sub> S		
<b>Molecular Weight:</b>	301.36 (g/mol)				
	<b>Observed</b>	<b>Standard</b>			
<b>HPLC Purity:</b>	98% at 254 nm	≥ 95% at 254 nm			
<b>Absorption (Methanol)</b>					
<b>Wavelength (λ<sub>max</sub>):</b>	358 nm	358 ± 3 nm			
<b>Extinction:</b>	17,300 cm <sup>-1</sup> M <sup>-1</sup>	16,500 ± 1,500 cm <sup>-1</sup> M <sup>-1</sup>			
<b>Fluorescence (Methanol)</b>					
<b>Emission Max:</b>	490 nm	490 ± 4 nm			
<b>Storage:</b>	Refrigerate: Store at 4-8°C ( <b>Ref</b> ), Protect from moisture ( <b>D</b> ), Protect from light ( <b>L</b> )				
<b>Production Lot:</b>	14902	<b>Release:</b>	07-May-2015	<b>Expiration:</b>	07-May-2025
<b>Structure:</b>					

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:** 07-May-2015

**Signature:** Dianna M Wineinger