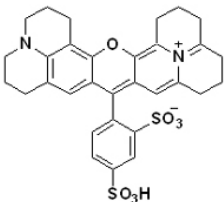


<b>Certificate of Analysis</b> (C of A)			
<b>Name:</b>	<b>SR 101</b> Sulforhodamine 101		
<b>Catalog Number:</b>	6926	<b>Lot:</b>	51083
<b>CAS Number:</b>	60311-02-6	<b>Formula:</b>	C <sub>31</sub> H <sub>30</sub> N <sub>2</sub> O <sub>7</sub> S <sub>2</sub>
<b>Molecular Weight:</b>	606.71 (g/mol)		
	<b>Observed</b>	<b>Standard</b>	
<b>HPLC Purity:</b>	98% at 254 nm		≥ 95% at 254 nm
<b>Absorption (Buffer pH 7)</b>			
<b>Wavelength (λ<sub>max</sub>):</b>	587 nm		586 ± 3 nm
<b>Extinction:</b>	109,300 cm <sup>-1</sup> M <sup>-1</sup>		110,000 ± 10,000 cm <sup>-1</sup> M <sup>-1</sup>
<b>Fluorescence (Buffer pH 7)</b>			
<b>Emission Max:</b>	606 nm		606 ± 4 nm
<b>TLC Purity:</b>	> 99%		≥ 95%
<b>TLC System:</b>	75:20:5 Chloroform / Methanol / Acetic acid		
<b>Storage:</b>	Store at Room Temperature (RT), Protect from moisture (D), Protect from light (L)		
<b>Production Lot:</b>	15687	<b>Release:</b>	27-Jan-2017
		<b>Expiration:</b>	27-Jan-2037
<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:** 27-Jan-2017

**Signature:** Dianna M Wineinger