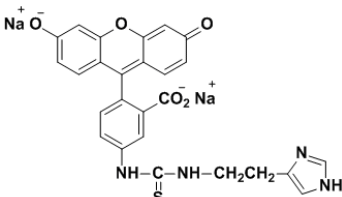


<b>Certificate of Analysis</b> (C of A)					
<b>Name:</b>	<b>FITC-Histamine</b> Histamine fluorescein, disodium salt				
<b>Catalog Number:</b>	6817	<b>Lot:</b>	51006		
<b>CAS Number:</b>	N/A	<b>Formula:</b>	C <sub>26</sub> H <sub>18</sub> N <sub>4</sub> Na <sub>2</sub> O <sub>5</sub> S		
<b>Molecular Weight:</b>	544.49 (g/mol)				
	<b>Observed</b>	<b>Standard</b>			
<b>HPLC Purity:</b>	96% at 254 nm		≥ 90% at 254 nm		
<b>Absorption (Buffer pH10)</b>					
<b>Wavelength (λ<sub>max</sub>):</b>	493 nm		492 ± 3 nm		
<b>Extinction:</b>	79,500 cm <sup>-1</sup> M <sup>-1</sup>		80,000 ± 5,000 cm <sup>-1</sup> M <sup>-1</sup>		
<b>Fluorescence (Buffer pH10)</b>					
<b>Emission Max:</b>	516 nm		515 ± 4 nm		
<b>Storage:</b>	Store at Room Temperature (RT), Protect from moisture (D), Protect from light (L)				
<b>Production Lot:</b>	15464	<b>Release:</b>	09-Nov-2016	<b>Expiration:</b>	09-Nov-2026
<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:** 09-Nov-2016

**Signature:** 