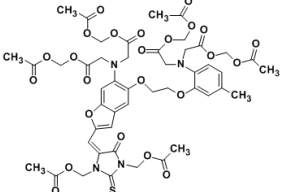


<b>Certificate of Analysis</b> (C of A)					
Name:	Fura 2-TH, AM *Cell Permeant* *Sp-Pak*				
Catalog Number:	7198		Lot:	51419	
CAS Number:	149732-62-7		Formula:	C <sub>47</sub> H <sub>52</sub> N <sub>4</sub> O <sub>24</sub> S	
Molecular Weight:	1089.00 (g/mol)				
	<b>Observed</b>		<b>Standard</b>		
<b>Absorption (Methanol)</b>					
Wavelength ( $\lambda_{max}$ ):	458 nm		455 $\pm$ 3 nm		
Extinction:	Set 45,000 cm <sup>-1</sup> M <sup>-1</sup>		Set 45,000 $\pm$ N/A cm <sup>-1</sup> M <sup>-1</sup>		
TLC Purity:	> 98%		$\geq$ 90%		
TLC System:	95:5 Chloroform / Methanol				
Storage:	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)				
Production Lot:	16052	Release:	05-Jun-2018	Expiration:	05-Jun-2028
Structure:					

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:** 05-Jun-2018

**Signature:** 