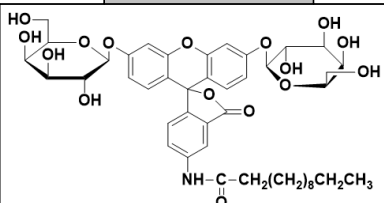


Certificate of Analysis (C of A)					
Name:		C <sub>12</sub> FDG 5-Dodecanoylamino fluorescein Di-β-D-Galactopyranoside			
Catalog Number:		7188	Lot:		52331
CAS Number:		138777-25-0	Formula:		C <sub>44</sub> H <sub>55</sub> NO <sub>16</sub>
Molecular Weight:		853.90 (g/mol)			
		Observed		Standard	
HPLC Purity:		96% at 254 nm		≥ 95% at 254 nm	
Absorption (Methanol)					
Wavelength (λ <sub>max</sub> ):		290 nm		290 ± 3 nm	
Extinction:		6,200 cm <sup>-1</sup> M <sup>-1</sup>		5,800 ± 500 cm <sup>-1</sup> M <sup>-1</sup>	
Fluor Bkgd:		< 1 ppm at 518nm		< 100 ppm	
Storage:		Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)			
Production Lot:		16267	Release:		31-Oct-2019
			Expiration:		31-Oct-2029
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:** 31-Oct-2019

**Signature:** Dianna M Wineinger