

Certificate of Analysis					
Name:	Fluo-4, AM, *SP-Pak* *Cell Permeant* For High-Throughput Screening				
Catalog Number:	7714	Lot:		51415	
CAS Number:	273221-67-3	Formula: C ₅₁ H ₅₀ F		F ₂ N ₂ O ₂₃	
Molecular Weight:	1096.95 (g/mol)				
	Observed		Standard		
HPLC Purity:	99% at 254 nm		≥ 95% at 254 nm		
Absorption (Methanol)					
Wavelength (λ _{max}):	_x): 456 nm		456 ± 3 nm		
Extinction:	26,500 cm ⁻¹ M ⁻¹		25,500 ± 2,000 cm ⁻¹ M ⁻¹		
TLC Purity: > 99%			≥ 95%		
TLC System:	3:1 Ethyl actate / Hexa				
Storage:	Storage: Freeze: Store at -5 to -30°C (F), Prote from light (L)			noisture	(D), Protect
Production Lot: 152	292 Release:	03-Feb-20	16 Ex	piration:	03-Feb-2026
Structure: H ₃ C O O O CH ₃ O O CH ₃ O O CH ₃ CH ₃ O CH ₃ CH ₃ O CH ₃ C					

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 Date: 03-Feb-2016

Analytical Services Manager

Signature: