

Certificate of Analysis

Product Name: AFDye 488 NHS Ester
Catalog Number: 1013
Lot Number: 10178
Chemical Composition: C₂₅H₁₈N₃O₁₃S₂⁺ (protonated)
Molecular Weight: 632.55 (protonated) 733.93 (triethylammonium salt)
Appearance: Orange solid
Storage: Upon receipt store at -20°C

	Lot Data	Specification
Purity		
HPLC, 488 nm ¹	83%	75%
Abs max ²	495 nm	494 ± 3 nm
Em max ²	520 nm	518 ± 4 nm

¹ after derivatization with DBCO-Amine

² Solvent PBS, pH 7.5



02-March-2020

Alexandra Kulyashova, Quality Assurance Manager

Fluoroprobes LLC certifies on the date above that this is an accurate record of the analysis of the above mentioned lot and that this lot met all product specifications at the time of analysis.