

# Certificate of Analysis

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**Product Name:** AFDye 488 Cadaverine  
**Catalog Number:** 1015  
**Lot Number:** 10048  
**Chemical Composition:** C<sub>26</sub>H<sub>26</sub>N<sub>4</sub>O<sub>10</sub>S<sub>2</sub> (protonated)  
**Molecular Weight:** 618.11 (protonated)  
**Appearance:** Orange solid  
**Storage:** Upon receipt store at -20°C

	Lot Data	Specification
Purity		
HPLC, 254 nm	>95%	90%
Abs max <sup>1</sup>	493 nm	494 nm ± 4 nm
Em Max <sup>1</sup>	518 nm	517 nm ± 4 nm

<sup>1</sup> PBS, pH 7.5



08-June-2018

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.