

**Product Name:** AF 488 NHS Ester  
**Catalog Number:** 1013  
**Lot Number:** 10010  
**Chemical Composition:** C<sub>25</sub>H<sub>17</sub>N<sub>3</sub>O<sub>13</sub>S<sub>2</sub> (protonated)  
**Molecular Weight:** 631.54 (protonated) 833.92 (bis-triethylammonium salt)  
**Appearance:** Orange solid  
**Storage:** Upon receipt store at -20°C

	Lot Data	Specification
Purity		
HPLC, 254 nm <sup>1</sup>	>90%	75%
Isomer purity	>98%	97%
µmol of reactive dye per mg <sup>2</sup>	1.12 µmol	0.75 µmol

<sup>1</sup> after derivatization with DBCO-Amine

<sup>2</sup> determined by consumption of DBCO-Amine



04-March-2018

Alexandra Kulyashova, Quality Assurance Manager

Revised by Andrei Polukhtin 09-August-2018

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.