

# Certificate of Analysis

**Product Name:** AFDye 350 NHS Ester  
**Alternative Name:** Alexa Fluor NHS Ester  
**Catalog Number:** 1002  
**Lot Number:** 10083  
**Chemical Composition:** C<sub>16</sub>H<sub>14</sub>N<sub>2</sub>O<sub>9</sub>S (protonated)  
**Molecular Weight:** 410.35 (protonated)  
**Appearance:** Yellow solid  
**Storage:** Upon receipt store at -20°C

	Lot Data	Specification
Purity <sup>1</sup>		
HPLC, 254 nm	>95%	>90%
LCMS	Conforms	In accordance with structure
Abs max <sup>2</sup>	353 nm	413 ± 3 nm
Em Max <sup>2</sup>	436 nm	437 ± 3 nm

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

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



18-November-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.