

**Catalog Number** A20002  
**Product Name** Alexa Fluor® 546 carboxylic acid, succinimidyl ester  
**Molecular Formula**  $C_{50}H_{62}Cl_3N_5O_{14}S_3$   
**Molecular Weight** 1159.6  
**Appearance** red solid  
**Lot Number** 2066091

	LOT DATA	SPECIFICATION
<b>Absorption</b> <sup>1</sup> Maximum	554 nm	554 ± 3 nm
<b>Fluorescence</b> <sup>1</sup> Emission Maximum	570 nm	570 ± 4 nm
<b>HPLC</b> <sup>2</sup> Purity	83 % at 254 nm	≥ 50 % at 254 nm

1. Solvent: Buffer, 50 mM potassium phosphate (pH 7).

2. Method: Derivatized with n-butylamine. Purity value represents total reactive dye content.



Rachel Smith, Quality Assurance Manager

09-Jan-2019

Life Technologies Corporation, on behalf of its Invitrogen business, Molecular Probes® labeling and detection technologies, certifies on the date above that this is an accurate record of the analysis of the subject lot and that the data conform to the specifications in effect for this product at the time of analysis.