

**Catalog Number** E3478  
**Product Name** epidermal growth factor, fluorescein conjugate (fluorescein EGF)  
**Molecular Weight** ~6500  
**Appearance** yellow solid  
**Lot Number** 2072050

Small variation in color is possible, but should not affect product performance.

	LOT DATA	SPECIFICATION
<b>ABSORPTION</b> Maximum	495 nm	495 ± 5 nm
<b>FLUORESCENCE</b> Emission Maximum Relative Quantum Yield <sup>1</sup>	517 nm 0.2	518 ± 5 nm ≥ 0.2
<b>MICROSCOPY</b> Histochemistry <sup>2</sup>	meets specification	good staining of the cell membrane, negligible background

1. Quantum yield determined relative to fluorescein at pH 8.0.
2. Staining of epidermal growth factor receptors on A431 human epidermoid carcinoma cells.



Rachel Smith, Quality Assurance Manager  
10-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.