

Catalog Number E3478
Product Name epidermal growth factor, fluorescein conjugate (fluorescein EGF)
Appearance yellow solid
Lot Number 2174916

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

	LOT DATA	SPECIFICATION
ABSORPTION Maximum	497 nm	495 ± 5 nm
FLUORESCENCE Emission Maximum	520 nm	518 ± 5 nm
Relative Quantum Yield ¹	0.3	≥ 0.2
MICROSCOPY Histochemistry ²	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
 7-Jan-2020

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.