

**Catalog Number** G13186  
**Product Name** gelatin from pig skin, Oregon Green® 488 conjugate  
**Appearance** orange solid  
**Lot Number** 2668627

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

	LOT DATA	SPECIFICATION
<b>ABSORPTION</b>		
Maximum	498 nm	498 ± 5 nm
Degree of Labeling <sup>1</sup>	12	6 – 15
<b>FLUORESCENCE</b>		
Emission Maximum	525 nm	528 ± 5 nm
Relative Quantum Yield <sup>2</sup>	0.4	≥ 0.3
<b>PURITY<sup>3</sup></b>		
TLC	meets specification	negligible or no free dye detected

1. Moles of dye per mole of protein, determined using an  $\epsilon$  of 70,000 cm<sup>-1</sup>M<sup>-1</sup> at the absorption maximum

2. Quantum yield determined relative to fluorescein at pH 8.0

3. Solvent: 70% chloroform/25% methanol/5% acetic acid



Zach Luedtke, Quality Assurance Manager  
 2-May-2023

Life Technologies Corporation 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.