

**Catalog Number** I14785  
**Product Name** InSpeck™ Green (505/515) Microscope Image Intensity Calibration Kit, 6 µm  
**Lot Number** 1405603

SONICATE WELL BEFORE USE. STORE AT 2° - 8° C, DO NOT FREEZE

	LOT DATA	SPECIFICATION
<b>FLOW CYTOMETRY</b> <sup>1</sup> Percent Singlets <sup>2</sup>	95%	≥ 85%
<b>FLUORESCENCE</b> Emission Maximum <sup>3</sup>	510 nm	515 ± 10 nm
<b>RELATIVE MFI</b> <sup>4</sup> Component A Component B Component C Component D Component E Component F Component G <sup>5</sup>	unstained beads 0.47% 1.37% 2.6% 9.3% 33% 100%	unstained beads 0.19% – 0.48% 0.62% – 1.6% 1.9% – 4.8% 6.2% – 16% 19% – 48% 100%
<b>TECHNICAL DATA</b> <sup>6</sup> Actual Particle Size Density of Polystyrene	5.7 ± 0.051 µm 1.055 g/cm <sup>3</sup>	n.a. n.a.

1. Measured with a calibrated FACScan™ flow cytometer (BD Biosciences).
2. Lot data are obtained from a mixture of components B, C, D, E, F and G.
3. Emission maximum determined for component G only. Components B – F should be comparable.
4. Mean Fluorescence Intensity (MFI) measured with a calibrated FACScan™ flow cytometer (BD Biosciences) at FL1 using linear values.
5. Component G set at 100%.
6. Technical data for the unstained microspheres.

*Betty Wood*

Betty Wood, Quality Assurance Manager  
 24-Jun-2013

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.