

**Catalog Number** 114785  
**Product Name** InSpeck™ Green (505/515) Microscope Image Intensity Calibration Kit, 6 µm  
**Lot Number** 2644202

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

	LOT DATA	SPECIFICATION
<b>FLOW CYTOMETRY<sup>1</sup></b> Percent Singlets <sup>2</sup>	97%	≥ 85%
<b>FLUORESCENCE</b> Emission Maximum <sup>3</sup>	511 nm	515 ± 10 nm
<b>RELATIVE MFI<sup>4</sup></b> Component A	meets specification	unstained beads
Component B	0.36%	0.19% – 0.48%
Component C	0.9%	0.62% – 1.6%
Component D	3.1%	1.9% – 4.8%
Component E	10%	6.2% – 16%
Component F	21%	19% – 48%
Component G <sup>5</sup>	100%	100%
<b>TECHNICAL DATA<sup>6</sup></b> Actual Particle Size	5.5 ± 0.05 µm	n.a.
Density of Polystyrene	1.06 g/cm <sup>3</sup>	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.



Zach Luedtke, Quality Assurance Manager  
 16-Jun-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.