

Catalog Number I14785
Product Name InSpeck™ Green (505/515) Microscope Image Intensity Calibration Kit, 6 µm
Lot Number 3038111

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

	LOT DATA	SPECIFICATION
FLOW CYTOMETRY¹ Percent Singlets ²	97 %	≥ 85%
FLUORESCENCE Emission Maximum ³	511 nm	515 ± 10 nm
RELATIVE MFI⁴ Component A Component B Component C Component D Component E Component F Component G ⁵	meets specification 0.36 % 0.09 % 3.1 % 10 % 21 % 100 %	unstained beads 0.19% – 0.48% 0.62% – 1.6% 1.9% – 4.8% 6.2% – 16% 19% – 48% 100%
TECHNICAL DATA⁶ Actual Particle Size Density of Polystyrene	5.5 ± 0.05 µm 1.06 g/cm ³	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.



Zach Luedtke, Quality Assurance Manager
9-Dec-2024

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.

Products are under warranty for one year from the date of shipment unless otherwise stated on this document or the product literature.