MOLECULAR PROBES®

CERTIFICATE OF ANALYSIS

Catalog Number	I7219
Product Name	InSpeck™ Green (505/515) Microscope Image Intensity Calibration Kit, 2.5 µm
Medium	distilled water, 0.05% Tween® 20, 2 mM sodium azide
Lot Number	1772680

SONICATE WELL BEFORE USE. STORE AT 4°C, DO NOT FREEZE

	LOT DATA	SPECIFICATION
FLOW CYTOMETRY[1]		
Percent Singlets[2]	95%	≥ 85%
FLUORESCENCE		
Emission Maximum[3]	514 nm	515 ± 10 nm
RELATIVE MFI[4]		
Component A	unstained beads	unstained beads
Component B	0.3%	0.19% – 0.48%
Component C	1.0%	0.62% – 1.6%
Component D	3.7%	1.9% – 4.8%
Component E	14%	6.2% – 16%
Component F	35%	19% – 48%
Component G[5]	100%	100%
TECHNICAL DATA[6]		
Actual Particle Size	2.7 ± 0.032 µm	n.a.
Density of Polystyrene	1.055 g/cm^3	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.*

Rachel Smith, Ph.D., Quality Assurance

15-Jan-2016

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.

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