

**Catalog Number** C16506  
**Product Name** Cell Sorting Set-up Bead for UV Lasers  
**Appearance** white suspension  
**Medium** distilled water, 0.05% Tween® 20, 2 mM sodium azide  
**Concentration**  $2.0 \times 10^7$  particles/mL  
**Lot Number** 2037815

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

	LOT DATA	SPECIFICATION
<b>FLOW CYTOMETRY</b>		
Percent Singlets <sup>1</sup>	92%	≥ 90%
CV of Forward Scattering <sup>1</sup>	2%	≤ 5%
Mean Fluorescence Intensity at FL5 <sup>2</sup>	16925 channel value	17,000 ± 8,000 channel value
CV of the Mean Intensity at FL5 <sup>2</sup>	7 %	≤ 11 %
<b>FLUORESCENCE</b>		
Emission Maximum	452 nm	460 ± 10 nm
<b>TECHNICAL DATA<sup>3</sup></b>		
Actual Particle Size	5.7 ± 0.05 µm	n.a.
Density of Polystyrene	1.06 g/cm <sup>3</sup>	n.a.
<b>MISCELLANEOUS INFORMATION</b>		
Material Lot Number	2037815	n.a.

1. Measured with a calibrated FACSCalibur™ flow cytometer (BD Biosciences), using 488 nm excitation..
2. Measured with a calibrated FACVantage™ flow cytometer (BD Biosciences), using 365 nm excitation.
3. Technical data for the unstained microspheres.



Rachel Smith, Quality Assurance Manager  
26-Sep-2018

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.