

**Catalog Number** F13081  
**Product Name** FluoSpheres® polystyrene microspheres, 1.0 µm, yellow-green fluorescent (505/515) \*for tracer studies\* \*1.0x10<sup>10</sup> beads/mL\*  
**Appearance** yellow suspension  
**Medium** distilled water, 0.02% thimerosal  
**Concentration** 1.0 x 10<sup>10</sup> particles/mL  
**Lot Number** 2115318

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

	LOT DATA	SPECIFICATION
<b>ASSAY</b> Dye Loading <sup>1</sup>	47 µg/mg	≥ 20 µg/mg
<b>FLOW CYTOMETRY</b> Percent Singlets CV of Forward Scattering	91% 4%	≥ 85% ≤ 15%
<b>MICROSCOPY</b> Inspection	meets specification	few or no aggregates detectable after sonication
<b>TECHNICAL DATA<sup>2</sup></b> Actual Particle Size Density of Polystyrene	0.99 ± 0.014 µm 1.055 g/cm <sup>3</sup>	n.a n.a
<b>MISCELLANEOUS INFORMATION</b> Material Lot Number	2069699	n.a.

1. µg dye/mg dry microspheres.
2. Technical data for the unstained microspheres.



Rachel Smith, Quality Assurance Manager  
07-Feb-2019

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.