

**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** 2810940

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

	LOT DATA	SPECIFICATION
<b>ASSAY</b> Dye Loading <sup>1</sup>	42 µg/mg	≥ 20 µg/mg
<b>FLOW CYTOMETRY</b> Percent Singlets CV of Forward Scattering	98% 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	0.95 ± 0.023 µm 1.055 g/cm <sup>3</sup>	n.a. n.a.
<b>MISCELLANEOUS INFORMATION</b> Material Lot Number	2838650	n.a.

1. µg dye/mg dry microspheres

2. Technical data for the unstained microspheres.



Zach Luedtke, Quality Assurance Manager  
7-May-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.