

Catalog Number F13081
Product Name FluoSpheres® polystyrene microspheres, 1.0 µm, yellow-green fluorescent (505/515) *for tracer studies* *1.0x10¹⁰ beads/mL*
Appearance yellow suspension
Medium distilled water, 0.02% thimerosal
Concentration 1.0 x 10¹⁰ particles/mL
Lot Number 2397736

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

	LOT DATA	SPECIFICATION
ASSAY Dye Loading ¹	44 µg/mg	≥ 20 µg/mg
FLOW CYTOMETRY Percent Singlets CV of Forward Scattering	95% 6%	≥ 85% ≤ 15%
MICROSCOPY Inspection	meets specification	few or no aggregates detectable after sonication
TECHNICAL DATA² Actual Particle Size Density of Polystyrene	0.99 ± 0.014 µm 1.055 g/cm ³	n.a. n.a.
MISCELLANEOUS INFORMATION Material Lot Number	2206800	n.a.

1. µg dye/mg dry microspheres

2. Technical data for the unstained microspheres.



Rachel Smith, Quality Assurance Manager
 30-Apr-2020

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.