

Catalog Number F13083
Product Name FluoSpheres® polystyrene, 1.0 µm, red (580/605) *for tracer studies* *1.0x10¹⁰ beads/mL*
Appearance red suspension
Medium distilled water, 0.02% thimerosal
Concentration 1.0 x 10¹⁰ particles/mL
Lot Number 2351974

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

	LOT DATA	SPECIFICATION
ASSAY Dye Loading ¹	21 µg/mg	≥ 12 µg/mg
FLOW CYTOMETRY Percent Singlets CV of Forward Scattering	99% 7%	≥ 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	2180261	n.a.

1. µg dye/mg dry microspheres

2. Technical data for the unstained microspheres.



Rachel Smith, Quality Assurance Manager
2-Jan-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.