

Catalog Number F13083
Product Name FluoSpheres™ polystyrene, 1.0 µm, red (580/605) *for tracer studies* *1.0x10¹⁰ beads/mL*
Appearance pink suspension
Medium distilled water, 0.02% thimerosal
Concentration 1.0 x 10¹⁰ particles/mL
Lot Number 2810938

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

	LOT DATA	SPECIFICATION
ASSAY Dye Loading ¹	22 µg/mg	≥ 12 µg/mg
FLOW CYTOMETRY Percent Singlets CV of Forward Scattering	96% 4%	≥ 85% ≤ 15%
MICROSCOPY Inspection	meets specification	few or no aggregates detectable after sonication
TECHNICAL DATA² Actual Particle Size Density of Polystyrene	1.0 ± 0.024 µm 1.055 g/cm ³	n.a. n.a.
MISCELLANEOUS INFORMATION Material Lot Number	2504296	n.a.

1. µg dye/mg dry microspheres

2. Technical data for the unstained microspheres.



Zach Luedtke, Quality Assurance Manager
 22-Apr-2022

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.