

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 x 10¹⁰ particles/mL
Lot Number 2876713

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	97% 4%	≥ 85% ≤ 15%
MICROSCOPY Inspection	meets specification	few or no aggregates detectable after sonication
TECHNICAL DATA² Actual Particle Size Density of Polystyrene	0.95 ± 0.023 µm 1.055 g/cm ³	n.a. n.a.
MISCELLANEOUS INFORMATION Material Lot Number	2833231	n.a.

1. µg dye/mg dry microspheres

2. Technical data for the unstained microspheres.



Zach Luedtke, Quality Assurance Manager
11-Jan-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.