

Catalog Number F13838
Name Flow cytometry Size Calibration Kit *nonfluorescent microspheres*
Appearance white suspension
Medium distilled water, 0.05% Tween® 20, 2 mM sodium azide
Lot 1936688

Technical Data from the Supplier of the Unstained Microspheres**Density of polystyrene**Component A - C 1.055 g/cm³Component D - F 1.06 g/cm³

Component	Concentration ¹ particles/mL	Actual particle size
A	6 x 10 ⁷	1.0 µm ± 0.1 µm
B	3 x 10 ⁷	1.9 µm ± 0.004 µm
C	3 x 10 ⁷	3.7 µm ± 0.04 µm
D	2 x 10 ⁷	5.5 µm ± 0.05 µm
E	2 x 10 ⁷	9.9 µm ± 0.09 µm
F	2 x 10 ⁷	14.6 µm ± 0.15 µm

1. Calculated from size and percent solids.

SONICATE WELL BEFORE USE. STORE BETWEEN 2°C TO 8°C, DO NOT FREEZE.

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	COMPONENTS	LOT DATA	SPECIFICATIONS
MICROSCOPY	A-F	meets specification	few or no aggregates detectable after sonication
FLOW CYTOMETRY CV of Forward Scattering			
	A	3 %	≤15%
	B	1%	≤15%
	C	1%	≤15%
	D	1%	≤15%
	E	1%	≤15%
	F	1%	≤15%



 Terrie Goodman, QA Scientist III
 November 6, 2017

Molecular Probes certifies that the data presented is an accurate record of the analysis of the subject lot. The data conforms to the specifications in effect for this product on the date of analysis. The product label includes a packaging reference number as a suffix to the lot number.