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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	1561464

Technical Data from the Supplier of the Unstained Microspheres

Density of polystyrene

Component A – C 1.055 g/cm^3

Component D - F 1.06 g/cm^3

Component	Concentration[1] particles/mL	Actual particle size
A	6×10^7	1.0 µm ± 0.025
B	3×10^7	1.9 µm ± 0.093
C	3×10^7	4.2 µm ± 0.21
D	2×10^7	5.6 µm ± 0.056
E	2×10^7	9.9 µm ± 0.12
F	2×10^7	14.8 µm ± 0.13

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	2.4%	≤15%
	B	4.9%	≤15%
	C	5.0%	≤15%
	D	1.0%	≤15%
	E	1.2%	≤15%
	F	0.9%	≤15%

Cathy Erickson, QA Engineer III
Date: 17-Mar-2014

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.

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