

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 2233819

**Technical Data from the Supplier of the Unstained Microspheres**

Density of polystyrene

 Component A – C 1.055 g/cm<sup>3</sup>

 Component D - F 1.06 g/cm<sup>3</sup>

Component	Concentration <sup>1</sup> particles/mL	Actual particle size
A	6 x 10 <sup>7</sup>	1.1 µm
B	3 x 10 <sup>7</sup>	2.0 µm
C	3 x 10 <sup>7</sup>	4.2 µm
D	2 x 10 <sup>7</sup>	5.9 µm
E	2 x 10 <sup>7</sup>	9.9 µm
F	2 x 10 <sup>7</sup>	15.4 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
<b>MICROSCOPY</b>	A-F	meets specification	few or no aggregates detectable after sonication
<b>FLOW CYTOMETRY</b> CV of Forward Scattering			
	A	6%	≤15%
	B	2%	≤15%
	C	1%	≤15%
	D	1%	≤15%
	E	1%	≤15%
	F	1%	≤15%



Cathy Erickson, QA Scientist III

Date: 04-Aug-2020

*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.*