

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 2198587

Technical Data from the Supplier of the Unstained Microspheres

Density of polystyrene

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

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

Component	Concentration <sup>1</sup> particles/mL	Actual particle size
A	6 x 10 <sup>7</sup>	1.0 µm ± 0.1
B	3 x 10 <sup>7</sup>	1.9 µm ± 0.2
C	3 x 10 <sup>7</sup>	3.7 µm ± 0.4
D	2 x 10 <sup>7</sup>	5.5 µm ± 0.05
E	2 x 10 <sup>7</sup>	9.9 µm ± 0.09
F	2 x 10 <sup>7</sup>	14.6 µm ± 0.15

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	3.6%	≤15%
	B	2.9%	≤15%
	C	4.4%	≤15%
	D	0.9%	≤15%
	E	0.9%	≤15%
	F	1.0%	≤15%



Cathy Erickson, QA Engineer III

Date: 08-Apr-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.*