

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 2068796

Technical Data from the Supplier of the Unstained Microspheres

Density of polystyrene

Component A – C 1.055 g/cm³

Component D - F 1.06 g/cm³

Component	Concentration ¹ particles/mL	Actual particle size
A	6 x 10 ⁷	0.99 µm ± 0.022 µm
B	3 x 10 ⁷	1.9 µm ± 0.012 µm
C	3 x 10 ⁷	3.7 µm ± 0.031 µm
D	2 x 10 ⁷	5.6 µm ± 0.056 µm
E	2 x 10 ⁷	9.9 µm ± 0.0891 µm
F	2 x 10 ⁷	14.6 µm ± 0.146 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	2 %	≤15%
	B	2%	≤15%
	C	1%	≤15%
	D	1%	≤15%
	E	1%	≤15%
	F	1%	≤15%



Terrie Goodman, QA Scientist III
 February 12, 2018

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.