

Catalog Number C16508
Product Name Cell Sorting Set-up Beads for Blue Lasers
Appearance white suspension
Medium distilled water, 0.05% Tween® 20, 2 mM sodium azide
Concentration 2.0×10^7 particles/mL
Lot Number 2044336

SONICATE WELL BEFORE USE. STORE AT 2° - 8° C, DO NOT FREEZE

	LOT DATA	SPECIFICATION
FLOW CYTOMETRY¹		
Percent Singlets	97%	≥ 90%
CV of Forward Scattering	3%	≤ 5%
Mean Fluorescence Intensity at FL1	561 channel value	488 ± 100 channel value
CV of the Mean Intensity at FL1	1 %	≤ 5 %
FLUORESCENCE		
Emission Maximum	515 nm	515 ± 10 nm
TECHNICAL DATA²		
Actual Particle Size	$5.7 \pm 0.063 \mu\text{m}$	n.a.
Density of Polystyrene	1.06 g/cm^3	n.a.
MISCELLANEOUS INFORMATION		
Material Lot Number	1885611	n.a.

1. Measured with a calibrated FACSCalibur™ flow cytometer (BD Biosciences), using 488 nm excitation.
2. Technical data for the unstained microspheres.



Rachel Smith, Quality Assurance Manager

18-Apr-2017

Life Technologies Corporation, on behalf of its Invitrogen business, Molecular Probes® labeling and detection technologies, certifies on the date above that this is an accurate record of the analysis of the subject lot and that the data conform to the specifications in effect for this product at the time of analysis.