

Catalog Number C16506
Product Name Cell Sorting Set-up Bead for UV Lasers
Appearance white suspension
Medium distilled water, 0.05% Tween® 20, 2 mM sodium azide
Concentration 2.1×10^7 particles/mL
Lot Number 2125244

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

	LOT DATA	SPECIFICATION
FLOW CYTOMETRY		
Percent Singlets ¹	95%	≥ 90%
CV of Forward Scattering ¹	5%	≤ 5%
Mean Fluorescence Intensity at FL5 ²	18553 channel value	17,000 ± 8,000 channel value
CV of the Mean Intensity at FL5 ²	8 %	≤ 11 %
FLUORESCENCE		
Emission Maximum	450 nm	460 ± 10 nm
TECHNICAL DATA³		
Actual Particle Size	5.6 ± 0.056 µm	n.a.
Density of Polystyrene	1.06 g/cm ³	n.a.
MISCELLANEOUS INFORMATION		
Material Lot Number	2125226	n.a.

1. Measured with a calibrated FACSCalibur™ flow cytometer (BD Biosciences), using 488 nm excitation..
2. Measured with a calibrated FACVantage™ flow cytometer (BD Biosciences), using 365 nm excitation.
3. Technical data for the unstained microspheres.



Rachel Smith, Quality Assurance Manager
25-Jun-2019

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.