

**Catalog Number** A16500  
**Product Name** Alignflow™ Flow Cytometry Alignment Beads for Blue Lasers \*2.5 µm\*  
**Appearance** pink suspension  
**Medium** distilled water, 0.05% Tween® 20, 2 mM sodium azide  
**Concentration**  $1.0 \times 10^8$  particles/mL  
**Lot Number** 2128977

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

	LOT DATA	SPECIFICATION
<b>CV OF THE MEAN INTENSITY<sup>1</sup></b> at FL1 at FL2 at FL3	1.6 % 1.0 % 2.4 %	≤4.0 % ≤4.0 % ≤4.0 %
<b>FLOW CYTOMETRY<sup>1</sup></b> Percent Singlets CV of Forward Scattering	99% 3%	≥ 90% ≤ 5%
<b>FLUORESCENCE</b> Emission Maximum	575 nm	570 ± 25 nm
<b>MEAN FLUORESCENCE INTENSITY<sup>1</sup></b> at FL1 at FL2 at FL3	663 655 611	700 ± 120 700 ± 120 700 ± 120
<b>TECHNICAL DATA<sup>2</sup></b> Actual Particle Size Density of Polystyrene	2.6 ± 0.028 µm 1.055 g/cm <sup>3</sup>	n.a. n.a.
<b>MISCELLANEOUS INFORMATION</b> Material Lot Number	2113704	n.a.

1. Measured with a calibrated flow cytometer, using 488 nm excitation.
2. Technical data for the unstained microspheres.



Rachel Smith, Quality Assurance Manager  
20-May-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.