

**Catalog Number** C36995  
**Product Name** CountBright™ Plus Absolute Counting Beads \*for flow cytometry\* \*100 Tests\*  
**Appearance** white suspension  
**Medium** distilled water, 0.1% pluronic F-127, 2 mM sodium azide  
**Concentration**  $0.50 \times 10^5$  beads/50  $\mu$ L  
**Lot Number** 2234957

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

	LOT DATA	SPECIFICATION
<b>FLOW CYTOMETRY</b> Mean Fluorescence Intensity	meets specification	27,000 - 135,000
<b>FLOW CYTOMETRY</b> Percent Singlets CV of Forward Scattering	97% 3.9%	$\geq 95\%$ $\leq 7.5\%$
<b>TECHNICAL DATA<sup>1</sup></b> Actual Particle Size Density of Polystyrene Specific Surface Area	$3.8 \pm 0.2 \mu\text{m}$ $1.05 \text{ g/cm}^3$ $\text{NA cm}^2/\text{g}$	n.a. n.a. n.a.
<b>Z2 Counter<sup>2</sup></b> Bead Concentration CV of Bead Count	$0.50 \times 10^5$ beads/50 $\mu$ L 3.9 %	$0.45 - 0.55 \times 10^5$ beads/50 $\mu$ L $\leq 4.5\%$
<b>MISCELLANEOUS INFORMATION</b> Material Lot Number	2142757	n.a.

1. Technical data for the unstained microspheres.

2. Measured using Z2 Coulter Particle Counter



Rachel Smith, Quality Assurance Manager  
 21-Aug-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.