

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 0.49×10^5 beads/50 μ L
Lot Number 2539839

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

	LOT DATA	SPECIFICATION
FLOW CYTOMETRY Mean Fluorescence Intensity	meets specification	27,000 - 135,000
FLOW CYTOMETRY Percent Singlets	95%	$\geq 95\%$
CV of Forward Scattering	5.1%	$\leq 7.5\%$
TECHNICAL DATA¹ Actual Particle Size	$3.9 \pm 0.038 \mu\text{m}$	n.a.
Density of Polystyrene	1.055 g/cm^3	n.a.
Specific Surface Area	$1.5 \times 10^4 \text{ cm}^2/\text{g}$	n.a.
Z2 Counter² Bead Concentration	0.49×10^5 beads/50 μ L	$0.45 - 0.55 \times 10^5$ beads/50 μ L
CV of Bead Count	2.7 %	$\leq 4.5\%$
MISCELLANEOUS INFORMATION Material Lot Number	2465774	n.a.

1. Technical data for the unstained microspheres.

2. Measured using Z2 Coulter Particle Counter



Aaron Rider, Quality Control Supervisor
 9-Aug-2022

Life Technologies Corporation 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.