

Catalog Number C36950
Product Name CountBright™ absolute counting beads *for flow cytometry* *100 tests*
Appearance white suspension
Medium distilled water, 0.05% Tween® 20, 2 mM sodium azide
Concentration 0.47×10^5 beads/50 µL
Lot Number 2752589

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

	LOT DATA	SPECIFICATION
FLOW CYTOMETRY Mean Fluorescence Intensity	meets specification	25,000 - 125,000
FLOW CYTOMETRY Percent Singlets CV of Forward Scattering	95% 7.0%	≥ 90% ≤ 7.5%
TECHNICAL DATA¹ Actual Particle Size Density of Polystyrene Specific Surface Area	$7.08 \pm 0.478 \mu\text{m}$ 1.06 g/cm^3 $7.995 \times 10^7 \text{ cm}^2/\text{g}$	n.a. n.a. n.a.
Z2 Counter² Bead Concentration CV of Bead Count	0.47×10^5 beads/50 µL 1.7%	$0.45 - 0.55 \times 10^5$ beads/50 µL ≤4.5%
MISCELLANEOUS INFORMATION Material Lot Number	2740293	n.a.

1. Technical data for the unstained microspheres.

2. Measured using Z2 Coulter Particle Counter



Zach Luedtke, Quality Assurance Manager
11-Aug-2023

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.