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Cyto-Cal™ 633 Alignment Standard

CATALOG NUMBER: FA3R

VOLUME: 3 mL aqueous suspension with 0.05% Tween-20 and 2 mM sodium azide

CONCENTRATION: 5×10^6 particles/mL

STORAGE UPON RECEIPT: Store at 2-8 °C, protected from light. Do not freeze.

PRODUCT DESCRIPTION: The Cyto-Cal 633 Alignment Standard is designed for aligning and focusing the optical components of a flow cytometer. The 3 micrometer (μm) microspheres are highly uniform and are precisely stained with a fluorescent dye that has optimized intensity and emission in the far red (FL4) channel when excited with the primary 633 nm spectral line of the He-Ne laser. The microspheres are stable and can be reliably used as a daily reference standard for monitoring the instrument's performance and stability.

DIRECTIONS FOR USE: The microspheres are provided in a convenient dropper tip vial for dispensing the sample. The suspensions should be mixed by gentle inversion by hand or vortex mixer to ensure that the particles are completely suspended before use. Addition of 1-2 drops to approximately 1 mL of buffer or sheath fluid will usually be sufficient to produce acceptable results.

EXPIRATION: The expiration date is on the label. This product should not be used past its expiration date.

LIMITED WARRANTY: These products are intended for laboratory use by trained scientific personnel. Determination of their suitability for a specific end-use is the responsibility of the user, who assumes all liability for loss or damage arising out of the use of the product. Rebottling or relabeling voids the warranty and certification. Microgenics Corporation's warranty is limited to replacement of defective products if returned with our authorization within 60 days of purchase date.

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