



Rev.: 001 Issued August 2014
Read this package insert carefully before use

REF 05-4005

Calibration Beads 0.5 μ m Concentrate

INTENDED USE

This micro bead suspension is for the alignment of the laser and the cuvette in a flow cytometer. With an excitation light source of 488 nm the fluorescence emission of these Calibration Beads will show a spectrum from green to red. It can be used for quality control with standard settings and for analyzing small particles.

KIT COMPONENTS

10 ml *Calibration Beads 0.5 μ m Concentrate* (2.5% solids-latex)

INSTRUCTIONS

For instrument alignment and quality control, please refer to the IFU of your Flow Cytometer.

Dilution for use:

Dilute one drop of *Calibration Beads 0.5 μ m Concentrate* in 1000 ml 0.1 % NaCl solution. Mix suspension well before using.

The diluted suspension has to be stored at 2-8°C in the dark.

Instrument requirements:

A flow cytometer with 488 nm laser light source, capable of analyzing forward scatter (FSC), side scatter (SSC) and fluorescence parameters. Fluorescence emission of these Calibration Beads can be detected in the green fluorescence parameter.

Instrument settings:

- Laser light source: 488 nm
- Trigger: FSC or green fluorescence parameter
- Speed: 1 μ l/sec

Data analysis:

- Signals of the beads can be displayed in any histogram of FSC, SSC and green fluorescence parameter

STORAGE AND STABILITY

Storage: 2-8°C in the dark

Shelf life: Please refer to the expiry date labeled on the bottle.

DISPOSAL PROCEDURE

Disposal procedure should meet requirements of applicable local regulations.

MANUFACTURER

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