

SpectroFlo® QC Beads

PRODUCT DETAILS	
Catalog Number:	B7-10001 (formerly N7-97355)
Size:	Each vial contains 2 mL of SpectroFlo QC beads
Concentration:	Flow Cytometry
Expiration Date:	Product expires 12 months from the date of opening. Please record the opening date on the vial.
Storage:	2-8°C and protected from light. Do not freeze
Volume Per Test:	5 µL / test
Application:	Flow cytometry
Formulation:	Water with 0.01% NP-40 and 0.02% Sodium Azide as preservative.
Limitations:	SpectroFlo QC beads are light sensitive and need protection from light. Avoid exposure to strong oxidizing agents, bases and extreme heat.

PRODUCT DESCRIPTION

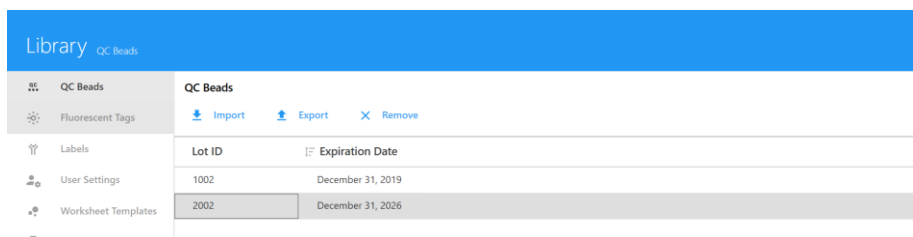
This product contains 3.0 µm particles with a single fluorescent intensity. Every particle contains a mixture of fluorophores that enables the particles to be excited at any wavelength from 365 to 650 nm.

RECOMMENDED USAGE

SpectroFlo QC beads are used for routine performance tracking and set up of Cytek® flow cytometers. SpectroFlo QC beads can be used on the Cytek Aurora system, Cytek Northern Lights™ system and Cytek Aurora CS with SpectroFlo or SpectroFlo CS software.

PROCEDURE

1. Identify the appropriate bead lot file in the QC & Setup module of SpectroFlo. A new bead lot file can be downloaded from the Resources page at cytekbio.com and imported into the Library module under the QC Beads tab.



2. To prepare the diluted beads: Vortex the vial for 5 seconds. Add 1 drop of the beads to a labeled 12 x 75mm polystyrene tube. Then add 300 µl of appropriate diluent that matches the one used in the instrument as sheath fluid (PBS or water-based diluents are recommended). This dilution will provide the adequate number of particles to perform the Daily QC operation in SpectroFlo. Vortex for another 5 seconds to put beads into suspension. Acquire in the flow cytometer shortly after resuspension.

3. Store the diluted beads solution at 2–8°C and protect from light. Reuse for up to 5 days. Discard the diluted beads if storage conditions do not follow the above recommendations.

For Research Use Only. Not intended for use in diagnostic procedures.