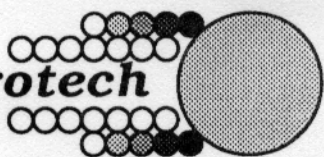


**Spherotech**



**Inc.**

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## TECHNICAL DATA

**PRODUCT:** SPHERO™ Rainbow Fluorescent Particles, 3.0-3.4  $\mu\text{m}$ .

**CAT. NO.:** RFP-30-5

**LOT. NO.:** S01

**VOL.:** 5 mL in water containing 0.01% NP40

**CONC.:** ~  $10 \times 10^6$  particles/mL

**PRESERVATIVE:** 0.02% Sodium Azide\*

**STORAGE:** Store at 2° to 8° C

**DESCRIPTION:** This product contains a single population of 3.0  $\mu\text{m}$ . Rainbow particles corresponding to the brightest peak in RCP-30-5. Every particle contains a mixture of fluorophores that enable the Rainbow particles to be excited at any wavelength from 365 to 650 nm.

**USE:** Routine calibration of Flow cytometers. Dilution of 3-5 drops to 1 mL will provide adequate number of particles for flow cytometry.

**NOTE:** Shake vigorously or vortex briefly before use. Inclusion of small amount of detergent in the diluent will help to increase the number of singles. Diluted particles can be stored in the refrigerator for future use.

**\*WARNING:** Sodium Azide can react with Cu and Pb in plumbing to form explosive metal azides. Flush this reagent down drains with copious amounts of water.

**NOTE:** FOR RESEARCH APPLICATIONS ONLY. NOT FOR DIAGNOSTIC USE.  
EXPIRES ONE YEAR AFTER OPENING. *PLEASE RECORD OPENING DATE ON THE BOTTLE.*