

**FOR RESEARCH APPLICATIONS ONLY. NOT FOR DIAGNOSTIC USE.**

APC-H7	64.194	75.522	86.850
APC	158.639	186.634	214.629
PC7	8.316	9.783	11.250
PerCP	66.846	78.642	90.438
PE	32.381	38.095	43.809
ITC	28.752	33.826	38.900
Pacific Orange	93.871	110.436	127.002
Pacific Blue	100.452	118.178	135.905
Lower MFI (-15%)		Rainbow 7-peak (DiVa)	Upper MFI (+15%)

*Fluorescence Intensity Target Values for RCP-30-5A-7 (Peak 7)*

**NOTE:** Shake vigorously or vortex briefly before use. Inclusion of a 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. Expires one year after opening. Please record opening date on bottle.

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

**DESCRIPTION:** This product contains a mixture of 3.41 µm Rainbow Particles in eight different fluorescent intensities. Every Rainbow particle contains a mixture of fluorophores that enable the Rainbow particles to be excited at any wavelength from 365 to 650 nm.

**CAUTION:** Do not freeze. Protect from light.

**STORAGE TEMP.:** Stable at room temperature. Store between 2° and 8° C after first use.

**STORAGE BUFFER:** Deionized water with 0.02% Sodium Azide and 0.01% NP40

**CONCENTRATION:** ~10 X 10<sup>6</sup> particles/mL

**SIZE:** 5 µm

**LOT NO.:** EA001

**CATALOG NO.:** RCP-30-5A

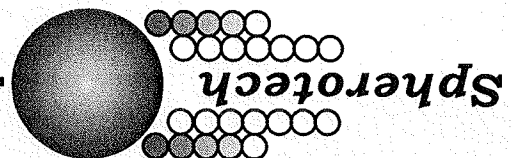
**PRODUCT:** SPHERO™ Rainbow Calibration Particles, 8 Peaks, 3.0-3.4 µm.

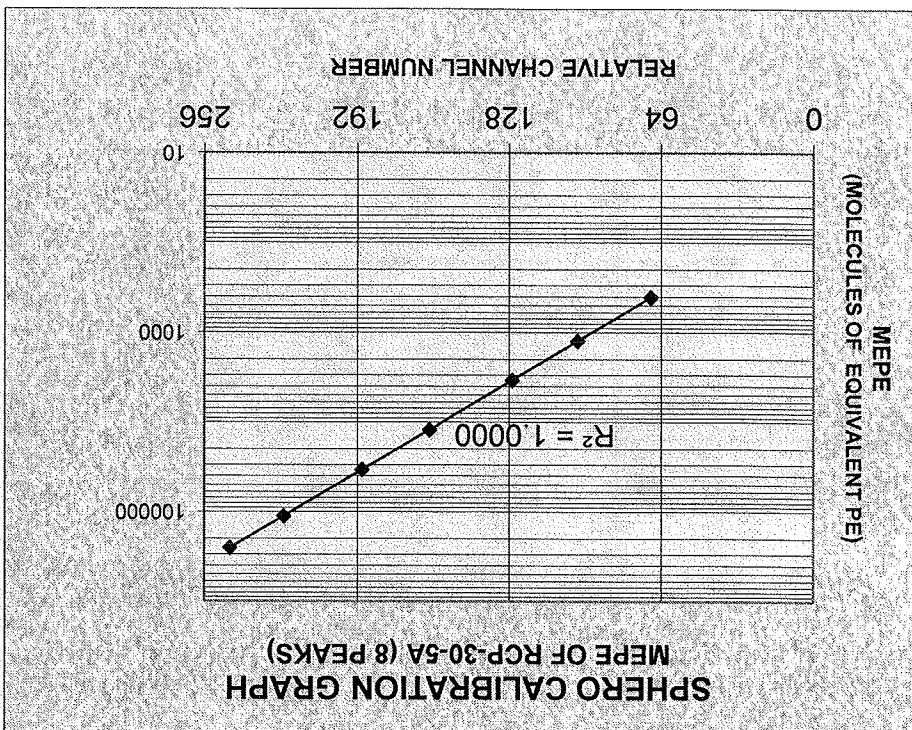
**TECHNICAL DATA**

http://www.spherotech.com  
 Tel : (847) 680 8922  
 Fax : (847) 680 8927

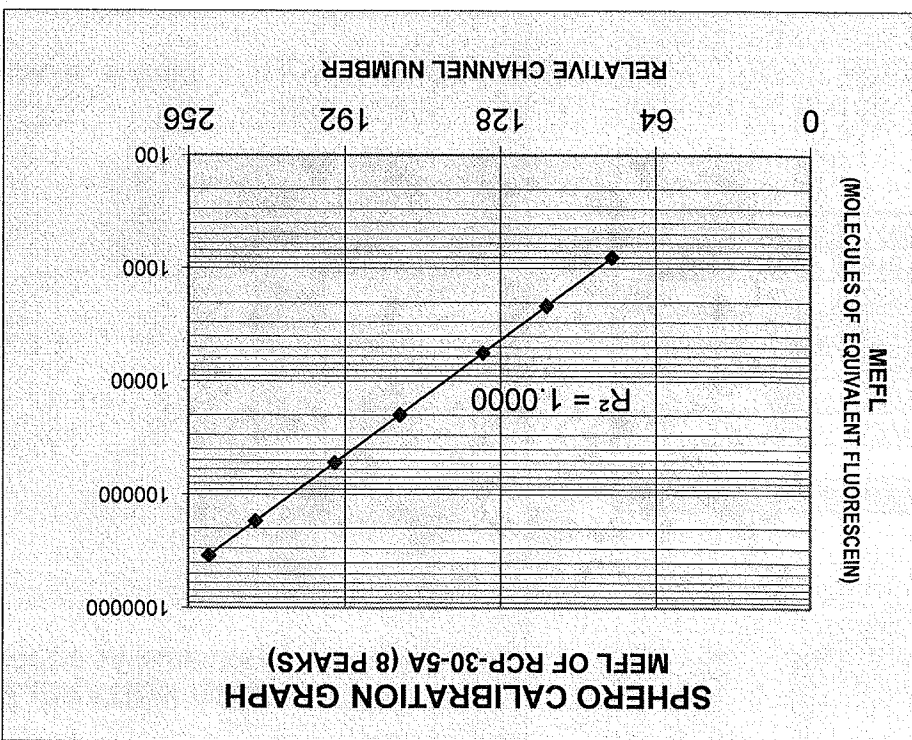
27845 Irma Lee Circle  
 Lake Forest, Illinois 60045-5100

Inc.

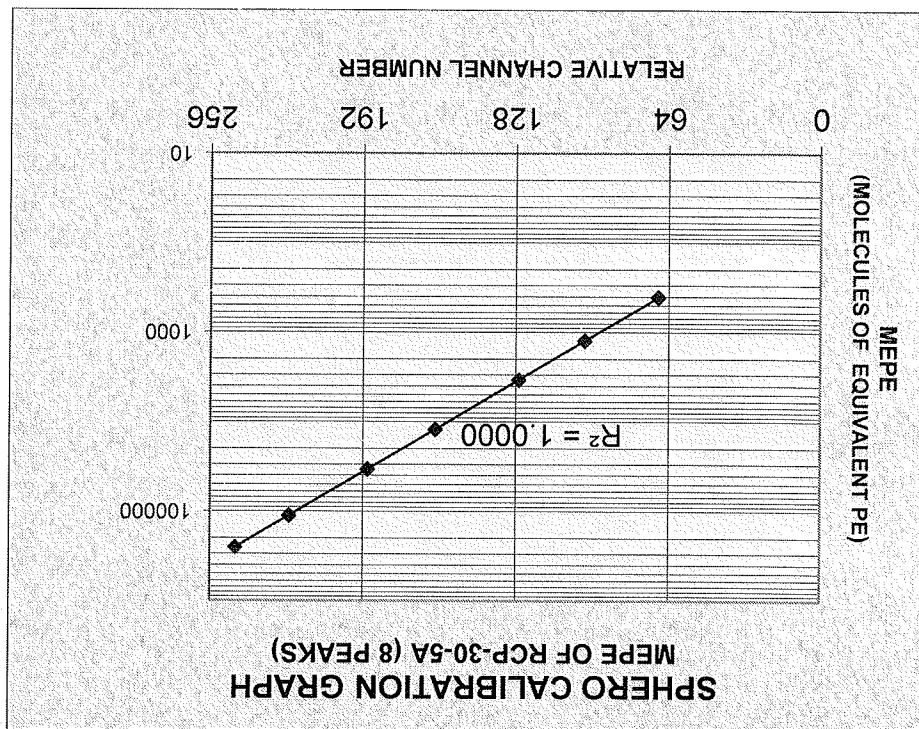




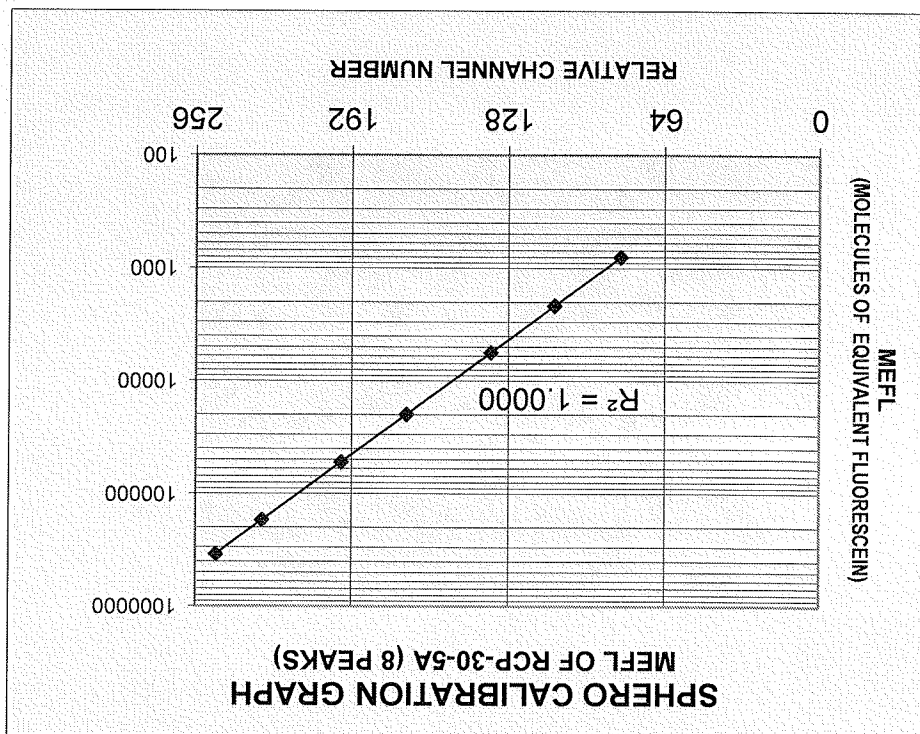
PEAK #	CH #	MEPE
1		
2	68	409
3	99	1250
4	127	3428
5	162	12229
6	190	34294
7	223	113118
8	245	256134



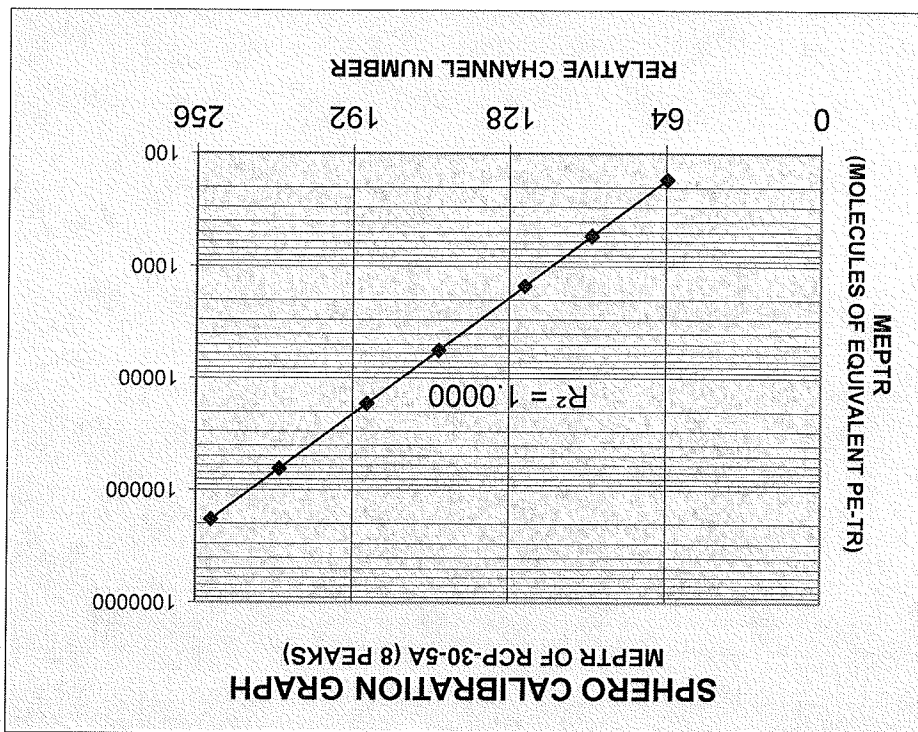
PEAK #	CH #	MEFL
1		
2	82	806
3	109	2159
4	135	5640
5	170	19900
6	196	52630
7	229	172155
8	248	345870



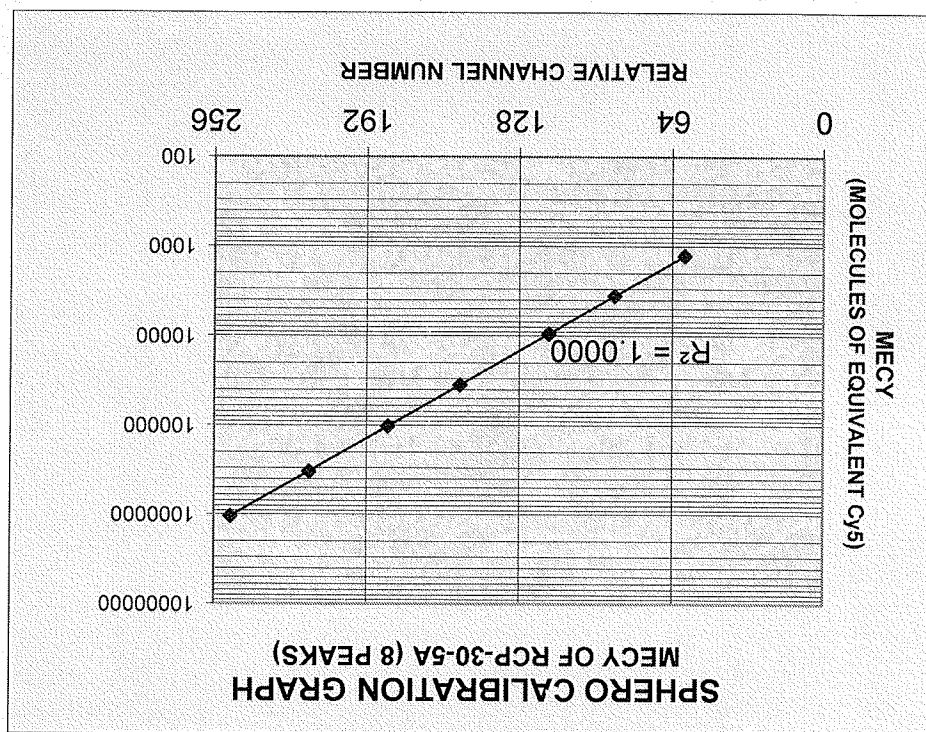
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PEAK #	CH #	MEPTR
1		
2	64	171
3	94	538
4	122	1514
5	157	5659
6	186	16972
7	222	64615
8	250	183897



PEAK #	CH #	MECY
1		
2	59	1276
3	88	3603
4	116	9520
5	153	35518
6	183	102755
7	216	328185
8	249	1052496