

# QC Report

Bead Lot No.:	44586	QC Date:	2016-07-19 11:03
Bead Expires:	2016-05-31	Cytometer SN:	AR50052
Cytometer Name:	CytoFLEX		
Detector Configuration:	Default-Configuration		
Loader Type:	Plate Loader		

## Threshold

Channel: FSC(Height) Mode: Manual Value: 50000

## Laser

Laser	Delay(μs)	Default Delay(μs)	Difference Delay(μs)	Power(mW)	Target Power(mW)	Result
Blue laser	0.00	0.00	0.00	44	40-60	✓
Red laser	-36.48	-36.64	0.16	54	40-60	✓
Violet laser	40.96	41.28	-0.32	71	70-120	✓

## Signal Value

Parameter	Gain	Target Gain	%Difference Target Gain	Median	Target Median	%Difference Target Median	rCV(%)	Target rCV(%)	Width	Result
FSC	2870	57	4935.09	####	266685.5	####	-	-	####	✗
SSC	3000	113	2554.87	####	733731.3	####	-	-	####	✗
FITC	3000	146	1954.80	####	3680135.0	####	####	5.00	####	✗
PE	3000	92	3160.87	####	1287685.0	####	####	5.00	####	✗
ECD	3000	130	2207.69	####	698060.5	####	####	5.00	####	✗
PC5.5	3000	258	1062.79	####	1608234.0	####	####	5.00	####	✗
PC7	3000	371	708.63	####	271742.9	####	####	5.00	####	✗
APC	3000	515	482.52	####	487277.1	####	####	5.00	####	✗
APC-A700	3000	522	474.71	####	1912410.0	####	####	5.00	####	✗
APC-A750	3000	522	474.71	####	674046.5	####	####	5.00	####	✗
PB450	3000	52	5669.23	####	742276.9	####	####	5.00	####	✗
KO525	3000	34	8723.53	####	146362.2	####	####	5.00	####	✗
Violet610	3000	199	1407.54	####	93808.6	####	####	5.00	####	✗
Violet660	3000	219	1269.86	####	42751.1	####	####	5.00	####	✗
Violet780	3000	204	1370.59	####	62887.6	####	####	5.00	####	✗

## Specifications

Delay:  $-5.00\mu s \leq \text{Difference Delay} \leq 5.00\mu s$ .

Gain:  $-20.00\% \leq \% \text{Difference Target Gain} \leq 20.00\%$ .

Median:  $-5.00\% \leq \% \text{Difference Target Median} \leq 5.00\%$ .

rCV:  $rCV(\%) \leq \text{Target } rCV(\%)$ .

## Result

**QC Failed.**

## Comment

Warning: The QC beads (Expires: 2016-05-31) has expired.

The sampling rate is below 10 events/sec, unable to perform gain calibration.