

# QC Report

Bead Lot No.:	44586	QC Date:	2016-07-01 12:18
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	43	40-60	✓
Red laser	-38.24	-38.24	0.00	54	40-60	✓
Violet laser	39.20	39.36	-0.16	71	70-120	✓

## Signal Value

Parameter	Gain	Target Gain	%Difference Target Gain	Median	Target Median	%Difference Target Median	rCV(%)	Target rCV(%)	Width	Result
FSC	63	63	0.00	270002.2	266685.5	1.24	-	-	1164.4	✓
SSC	125	125	0.00	724000.6	733731.3	-1.33	-	-	1295.1	✓
FITC	146	146	0.00	3593544.0	3680135.0	-2.35	3.68	5.00	1324.6	✓
PE	92	92	0.00	1243591.0	1287685.0	-3.42	3.68	5.00	1326.1	✓
ECD	131	131	0.00	674847.8	698060.5	-3.33	3.48	5.00	1334.9	✓
PC5.5	262	262	0.00	1566410.0	1608234.0	-2.60	4.09	5.00	1326.5	✓
PC7	391	391	0.00	274861.9	271742.9	1.15	4.52	5.00	1329.4	✓
APC	515	515	0.00	483255.1	487277.1	-0.83	1.76	5.00	1335.5	✓
APC-A700	522	522	0.00	1908664.0	1912410.0	-0.20	1.90	5.00	1322.4	✓
APC-A750	518	518	0.00	668744.7	674046.5	-0.79	1.93	5.00	1332.3	✓
PB450	59	59	0.00	749778.5	742276.9	1.01	1.31	5.00	1851.4	✓
KO525	38	38	0.00	148155.5	146362.2	1.23	1.49	5.00	1864.4	✓
Violet610	219	219	0.00	93381.2	93808.6	-0.46	1.94	5.00	1861.0	✓
Violet660	242	242	0.00	42947.6	42751.1	0.46	2.81	5.00	1871.5	✓
Violet780	226	226	0.00	62958.4	62887.6	0.11	2.12	5.00	1858.3	✓

## 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 Passed.**

## Comment

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