

# QC Report

Bead Lot No.:	44586	QC Date:	2016-06-29 13:17
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	-38.24	-38.24	0.00	54	40-60	✓
Violet laser	39.36	39.20	0.16	70	70-120	✓

## Signal Value

Parameter	Gain	Target Gain	%Difference Target Gain	Median	Target Median	%Difference Target Median	rCV(%)	Target rCV(%)	Width	Result
FSC	64	64	0.00	268300.5	266685.5	0.61	-	-	1170.1	✓
SSC	125	125	0.00	708156.5	733731.3	-3.49	-	-	1312.9	✓
FITC	146	146	0.00	3610462.0	3680135.0	-1.89	4.72	5.00	1336.2	✓
PE	92	92	0.00	1249510.0	1287685.0	-2.96	4.83	5.00	1338.3	✓
ECD	131	131	0.00	678304.3	698060.5	-2.83	4.45	5.00	1349.1	✓
PC5.5	262	262	0.00	1574653.0	1608234.0	-2.09	5.14	5.00	1339.5	✗
PC7	375	375	0.00	264680.6	271742.9	-2.60	5.24	5.00	1340.0	✗
APC	515	515	0.00	485821.7	487277.1	-0.30	1.74	5.00	1344.0	✓
APC-A700	522	522	0.00	1915209.0	1912410.0	0.15	1.82	5.00	1330.5	✓
APC-A750	518	518	0.00	670660.4	674046.5	-0.50	1.84	5.00	1341.0	✓
PB450	56	56	0.00	722594.5	742276.9	-2.65	1.34	5.00	1876.7	✓
KO525	36	36	0.00	141272.2	146362.2	-3.48	1.67	5.00	1892.2	✓
Violet610	209	209	0.00	91164.4	93808.6	-2.82	1.95	5.00	1884.9	✓
Violet660	231	231	0.00	41591.9	42751.1	-2.71	2.74	5.00	1896.5	✓
Violet780	215	215	0.00	61008.7	62887.6	-2.99	2.03	5.00	1889.5	✓

## 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.