

# QC Report

Bead Lot No.:	44586	QC Date:	2016-06-28 13:24
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	-38.72	-38.24	-0.48	54	40-60	✓
Violet laser	39.68	39.36	0.32	70	70-120	✓

## Signal Value

Parameter	Gain	Target Gain	%Difference Target Gain	Median	Target Median	%Difference Target Median	rCV(%)	Target rCV(%)	Width	Result
FSC	60	60	0.00	265243.9	266685.5	-0.54	-	-	1174.6	✓
SSC	118	118	0.00	722479.9	733731.3	-1.53	-	-	1314.8	✓
FITC	146	146	0.00	3698696.0	3680135.0	0.50	3.30	5.00	1342.5	✓
PE	92	92	0.00	1276929.0	1287685.0	-0.84	3.34	5.00	1344.9	✓
ECD	131	131	0.00	692268.1	698060.5	-0.83	3.09	5.00	1354.7	✓
PC5.5	262	262	0.00	1604352.0	1608234.0	-0.24	3.67	5.00	1345.8	✓
PC7	375	375	0.00	269595.1	271742.9	-0.79	3.84	5.00	1346.0	✓
APC	515	515	0.00	485816.3	487277.1	-0.30	1.74	5.00	1348.7	✓
APC-A700	522	522	0.00	1915007.0	1912410.0	0.14	1.76	5.00	1334.0	✓
APC-A750	518	518	0.00	673231.0	674046.5	-0.12	1.89	5.00	1345.1	✓
PB450	55	55	0.00	723519.9	742276.9	-2.53	1.26	5.00	1877.9	✓
KO525	36	36	0.00	145100.1	146362.2	-0.86	1.65	5.00	1890.9	✓
Violet610	209	209	0.00	93489.2	93808.6	-0.34	1.83	5.00	1884.8	✓
Violet660	228	228	0.00	42084.9	42751.1	-1.56	2.79	5.00	1891.5	✓
Violet780	215	215	0.00	62747.7	62887.6	-0.22	2.14	5.00	1885.6	✓

## 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.