

# QC Report

Bead Lot No.:	44586	QC Date:	2016-06-23 17:56
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	-38.56	-38.72	0.16	57	40-60	✓
Violet laser	39.52	39.68	-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	60	60	0.00	270302.5	266685.5	1.36	-	-	1181.3	✓
SSC	117	117	0.00	725165.0	733731.3	-1.17	-	-	1355.6	✓
FITC	140	140	0.00	3634421.0	3680135.0	-1.24	2.22	5.00	1348.4	✓
PE	92	92	0.00	1315473.0	1287685.0	2.16	2.32	5.00	1350.5	✓
ECD	131	131	0.00	714279.1	698060.5	2.32	2.23	5.00	1359.4	✓
PC5.5	262	262	0.00	1650626.0	1608234.0	2.64	2.57	5.00	1352.7	✓
PC7	375	375	0.00	278281.7	271742.9	2.41	3.04	5.00	1351.2	✓
APC	515	515	0.00	489003.7	487277.1	0.35	2.34	5.00	1343.6	✓
APC-A700	522	522	0.00	1920616.0	1912410.0	0.43	2.36	5.00	1329.0	✓
APC-A750	518	518	0.00	674471.1	674046.5	0.06	2.47	5.00	1338.0	✓
PB450	53	53	0.00	756340.6	742276.9	1.89	1.69	5.00	1905.6	✓
KO525	34	34	0.00	147982.6	146362.2	1.11	2.19	5.00	1912.5	✓
Violet610	198	198	0.00	95489.7	93808.6	1.79	2.35	5.00	1907.2	✓
Violet660	218	218	0.00	43113.1	42751.1	0.85	3.25	5.00	1909.0	✓
Violet780	205	205	0.00	63437.0	62887.6	0.87	2.63	5.00	1906.0	✓

## 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.