

# QC Report

Bead Lot No.:	44586	QC Date:	2016-07-08 11:51
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	-39.68	-39.20	-0.48	54	40-60	✓
Violet laser	40.32	39.84	0.48	70	70-120	✓

## Signal Value

Parameter	Gain	Target Gain	%Difference Target Gain	Median	Target Median	%Difference Target Median	rCV(%)	Target rCV(%)	Width	Result
FSC	58	58	0.00	266907.4	266685.5	0.08	-	-	1201.0	✓
SSC	128	128	0.00	747629.2	733731.3	1.89	-	-	1389.4	✓
FITC	147	147	0.00	3794177.0	3680135.0	3.10	2.52	5.00	1380.5	✓
PE	93	93	0.00	1313695.0	1287685.0	2.02	2.64	5.00	1382.1	✓
ECD	132	132	0.00	707553.4	698060.5	1.36	2.57	5.00	1391.9	✓
PC5.5	263	263	0.00	1636316.0	1608234.0	1.75	2.96	5.00	1383.4	✓
PC7	372	372	0.00	272711.9	271742.9	0.36	3.31	5.00	1380.1	✓
APC	515	515	0.00	482879.2	487277.1	-0.90	1.82	5.00	1370.4	✓
APC-A700	522	522	0.00	1907765.0	1912410.0	-0.24	2.02	5.00	1357.3	✓
APC-A750	518	518	0.00	672954.0	674046.5	-0.16	2.21	5.00	1368.0	✓
PB450	50	50	0.00	746765.0	742276.9	0.60	1.28	5.00	1977.1	✓
KO525	32	32	0.00	146460.8	146362.2	0.07	1.67	5.00	1984.0	✓
Violet610	191	191	0.00	94234.2	93808.6	0.45	1.75	5.00	1981.0	✓
Violet660	211	211	0.00	43108.6	42751.1	0.84	2.50	5.00	1980.5	✓
Violet780	195	195	0.00	63658.6	62887.6	1.23	1.96	5.00	1978.3	✓

## 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.