

# QC Report

Bead Lot No.:	44586	QC Date:	2016-06-28 13:18
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	44	40-60	✓
Red laser	-38.56	-38.72	0.16	57	40-60	✓
Violet laser	39.68	39.52	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	270359.6	266685.5	1.38	-	-	1165.7	✓
SSC	118	124	-4.84	736180.4	733731.3	0.33	-	-	1325.8	✓
FITC	140	140	0.00	3577248.0	3680135.0	-2.80	2.42	5.00	1337.8	✓
PE	92	92	0.00	1286688.0	1287685.0	-0.08	2.45	5.00	1340.9	✓
ECD	131	131	0.00	696233.9	698060.5	-0.26	2.26	5.00	1350.7	✓
PC5.5	262	262	0.00	1614067.0	1608234.0	0.36	2.83	5.00	1341.5	✓
PC7	375	375	0.00	271279.7	271742.9	-0.17	3.30	5.00	1340.9	✓
APC	515	515	0.00	486773.1	487277.1	-0.10	1.92	5.00	1348.9	✓
APC-A700	522	522	0.00	1921277.0	1912410.0	0.46	2.01	5.00	1334.6	✓
APC-A750	518	518	0.00	676695.1	674046.5	0.39	2.11	5.00	1345.0	✓
PB450	53	53	0.00	719400.4	742276.9	-3.08	1.23	5.00	1890.6	✓
KO525	34	34	0.00	141049.2	146362.2	-3.63	1.67	5.00	1903.2	✓
Violet610	198	198	0.00	89808.7	93808.6	-4.26	2.03	5.00	1898.0	✓
Violet660	228	218	4.59	42587.0	42751.1	-0.38	2.82	5.00	1904.9	✓
Violet780	205	205	0.00	60567.3	62887.6	-3.69	2.14	5.00	1897.7	✓

## 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.