

## Daily QC Report

<b>QC Status:</b> PASSED	<b>Date:</b> February 06, 2023 - 10:25 AM
<b>Cytometer Name:</b> Aurora CS	<b>User:</b> Admin
<b>Serial Number:</b> S0144	<b>Nozzle Size:</b> 100 µm
<b>Configuration:</b> 4-Laser-V16-B14-R8-YG10	<b>Sheath Pressure:</b> 25 PSI
<b>Software:</b> SpectroFloCS 1.0.5	
<b>QC Beads</b>	
<b>Lot ID:</b> 2004	<b>Expiration Date:</b> December 31, 2026

Laser	Detector (nm)	Gain	Gain Change	Median (x1000)	% rCV	Status
Blue	FSC	340	32	1,963.5	2.57	✓
Violet	SSC	245	30	2,001.1	4.78	✓
Blue	SSC-B	321	55	1,999.0	2.76	✓
Violet	V1 (428)	212	24	463.9	2.54	✓
Violet	V2 (443)	258	27	1,093.8	2.57	✓
Violet	V3 (458)	243	29	1,278.4	2.55	✓
Violet	V4 (473)	174	19	1,299.3	2.57	✓
Violet	V5 (508)	205	24	1,234.0	2.70	✓
Violet	V6 (525)	206	24	904.4	2.70	✓
Violet	V7 (542)	267	32	990.1	3.01	✓
Violet	V8 (581)	437	50	808.9	3.52	✓
Violet	V9 (598)	349	35	937.9	3.89	✓
Violet	V10 (615)	367	25	1,549.3	4.28	✓
Violet	V11 (664)	315	27	725.0	3.93	✓
Violet	V12 (692)	260	20	365.7	4.00	✓
Violet	V13 (720)	252	20	282.6	4.29	✓
Violet	V14 (750)	387	21	313.3	5.22	✓
Violet	V15 (780)	508	21	294.5	6.12	✓
Violet	V16 (812)	380	15	164.0	7.14	✓
Blue	B1 (508)	792	110	127.7	2.74	✓
Blue	B2 (525)	425	60	121.4	2.50	✓
Blue	B3 (542)	405	50	226.7	2.52	✓
Blue	B4 (581)	383	48	357.2	2.32	✓
Blue	B5 (598)	296	37	525.8	2.48	✓
Blue	B6 (615)	259	28	644.4	2.51	✓
Blue	B7 (661)	563	66	454.3	2.36	✓
Blue	B8 (679)	473	52	340.2	2.44	✓
Blue	B9 (697)	626	77	292.4	2.39	✓
Blue	B10 (717)	502	60	161.4	2.50	✓
Blue	B11 (738)	349	36	121.4	2.55	✓
Blue	B12 (760)	478	45	130.8	2.99	✓
Blue	B13 (783)	580	58	107.2	3.34	✓
Blue	B14 (812)	696	58	129.9	3.67	✓
YellowGreen	YG1 (577)	458	48	472.2	2.39	✓
YellowGreen	YG2 (598)	439	41	1,320.7	3.18	✓
YellowGreen	YG3 (615)	344	31	2,031.7	3.14	✓
YellowGreen	YG4 (661)	671	45	1,150.7	2.80	✓
YellowGreen	YG5 (679)	553	53	845.0	2.46	✓
YellowGreen	YG6 (697)	672	46	546.1	2.50	✓
YellowGreen	YG7 (720)	416	34	573.0	2.85	✓
YellowGreen	YG8 (750)	410	23	329.2	3.68	✓
YellowGreen	YG9 (780)	561	34	261.1	4.61	✓
YellowGreen	YG10 (812)	609	43	153.8	5.50	✓
Red	R1 (661)	365	32	384.3	3.04	✓
Red	R2 (679)	294	29	622.5	2.75	✓
Red	R3 (697)	395	39	521.0	2.65	✓
Red	R4 (717)	398	34	392.8	1.90	✓
Red	R5 (738)	291	17	399.7	2.15	✓
Red	R6 (760)	319	18	370.8	2.89	✓
Red	R7 (783)	428	18	385.4	3.64	✓
Red	R8 (812)	285	8	206.0	4.75	✓

**Laser Settings**

Laser	Laser Delay	Area Scaling Factor
Red	-26.08	0.98
Blue	0.00	1.11
Violet	24.60	1.07
YellowGreen	50.08	1.01

FSC Area Scaling Factor: 1.13      Window Extension: 3

Temperature: 25 °C

**Specifications**

FSC	% rCV:	< 6	(Recommended)
SSC-B	% rCV:	< 8	(Recommended)
R3	% rCV:	< 6	(Recommended)
B3	% rCV:	< 6	(Recommended)
V3	% rCV:	< 6	(Recommended)
YG3	% rCV:	< 6	(Recommended)
All Channels	% Gain Change:	< 100	(Recommended)