

**Daily QC Report**

<b>QC Status:</b> PASSED	<b>Date:</b> October 03, 2022 - 11:01 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	

**QC Beads**  
 Lot ID: 2003      Expiration Date: December 31, 2026

Laser	Detector (nm)	Gain	Gain Change	Median (x1000)	% rCV	Status
Blue	FSC	344	46	1,977.8	3.81	✔
Violet	SSC	238	33	2,020.4	4.65	✔
Blue	SSC-B	286	39	1,968.5	2.47	✔
Violet	V1 (428)	193	25	447.0	1.40	✔
Violet	V2 (443)	238	28	1,055.1	1.45	✔
Violet	V3 (458)	219	27	1,249.6	1.38	✔
Violet	V4 (473)	159	18	1,292.3	1.29	✔
Violet	V5 (508)	187	19	1,236.7	1.33	✔
Violet	V6 (525)	188	18	902.5	1.37	✔
Violet	V7 (542)	240	23	998.5	1.31	✔
Violet	V8 (581)	397	41	813.1	1.25	✔
Violet	V9 (598)	335	48	914.7	1.48	✔
Violet	V10 (615)	369	62	1,477.0	1.73	✔
Violet	V11 (664)	298	48	692.9	1.65	✔
Violet	V12 (692)	255	44	414.2	1.84	✔
Violet	V13 (720)	266	58	373.2	2.12	✔
Violet	V14 (750)	387	82	349.0	2.51	✔
Violet	V15 (780)	486	119	306.8	2.96	✔
Violet	V16 (812)	345	97	152.2	3.23	✔
Blue	B1 (508)	723	92	134.4	3.30	✔
Blue	B2 (525)	380	39	135.3	3.11	✔
Blue	B3 (542)	368	28	244.8	2.92	✔
Blue	B4 (581)	352	29	360.0	2.52	✔
Blue	B5 (598)	286	39	504.9	2.27	✔
Blue	B6 (615)	262	42	617.2	2.28	✔
Blue	B7 (661)	544	74	435.1	2.17	✔
Blue	B8 (679)	478	64	348.4	2.18	✔
Blue	B9 (697)	656	110	339.2	2.35	✔
Blue	B10 (717)	526	105	203.6	2.68	✔
Blue	B11 (738)	365	79	143.4	2.70	✔
Blue	B12 (760)	474	101	142.2	3.23	✔
Blue	B13 (783)	564	146	113.1	3.39	✔
Blue	B14 (812)	654	165	124.4	3.47	✔
YellowGreen	YG1 (577)	435	45	457.5	1.67	✔
YellowGreen	YG2 (598)	444	88	1,240.2	2.16	✔
YellowGreen	YG3 (615)	353	80	1,916.9	2.24	✔
YellowGreen	YG4 (661)	675	130	1,078.2	2.20	✔
YellowGreen	YG5 (679)	559	108	843.0	2.18	✔
YellowGreen	YG6 (697)	726	164	647.2	2.39	✔
YellowGreen	YG7 (720)	461	122	733.0	2.64	✔
YellowGreen	YG8 (750)	436	126	385.6	2.92	✔
YellowGreen	YG9 (780)	576	181	296.2	3.33	✔
YellowGreen	YG10 (812)	600	204	159.6	3.71	✔
Red	R1 (661)	358	10	392.5	1.97	✔
Red	R2 (679)	306	5	672.3	2.28	✔
Red	R3 (697)	458	63	758.9	2.54	✔
Red	R4 (717)	471	105	678.7	2.89	✔
Red	R5 (738)	330	78	577.8	2.86	✔
Red	R6 (760)	349	92	488.6	3.14	✔
Red	R7 (783)	453	127	488.8	3.22	✔
Red	R8 (812)	292	91	239.1	3.38	✔

**Laser Settings**

Laser	Laser Delay	Area Scaling Factor
Red	-25.98	0.99
Blue	0.00	1.12
Violet	24.40	1.08
YellowGreen	49.43	1.02

FSC Area Scaling Factor: 1.14      Window Extension: 3

Temperature: 25.5 °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)