

**Daily QC Report**

<b>QC Status:</b>	<b>PASSED</b>	<b>Date:</b>	October 16, 2023 - 15:00 PM
<b>Cytometer Name:</b>	Aurora	<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>	15 PSI
<b>Software:</b>	SpectroFloCS 1.0.7.1		

**QC Beads**  
 Lot ID: 2005      Expiration Date: December 31, 2026

Laser	Detector (nm)	Gain	Gain Change	Median (x1000)	% rCV	Status
Blue	FSC	333	-16	2,136.3	2.59	✔
Violet	SSC	360	24	2,002.1	4.66	✔
Blue	SSC-B	387	1	2,005.0	4.29	✔
Violet	V1 (428)	234	-1	464.7	2.47	✔
Violet	V2 (443)	289	-2	1,079.1	2.46	✔
Violet	V3 (458)	273	-4	1,220.2	2.50	✔
Violet	V4 (473)	197	-2	1,205.6	2.40	✔
Violet	V5 (508)	230	-5	1,121.3	2.32	✔
Violet	V6 (525)	227	-7	823.1	2.33	✔
Violet	V7 (542)	296	-5	957.5	2.37	✔
Violet	V8 (581)	495	-20	1,012.8	2.79	✔
Violet	V9 (598)	389	-18	1,216.7	2.92	✔
Violet	V10 (615)	415	-16	2,116.4	3.01	✔
Violet	V11 (664)	335	-14	1,001.8	3.36	✔
Violet	V12 (692)	278	-11	495.7	3.59	✔
Violet	V13 (720)	255	0	494.0	3.30	✔
Violet	V14 (750)	371	11	1,246.5	4.19	✔
Violet	V15 (780)	492	25	1,811.7	5.29	✔
Violet	V16 (812)	377	40	1,361.3	7.48	✔
Blue	B1 (508)	919	-39	141.8	3.75	✔
Blue	B2 (525)	496	-18	133.7	3.70	✔
Blue	B3 (542)	472	-26	274.5	3.78	✔
Blue	B4 (581)	443	-33	480.0	3.51	✔
Blue	B5 (598)	337	-21	686.3	2.83	✔
Blue	B6 (615)	293	-12	872.3	2.57	✔
Blue	B7 (661)	602	-34	615.2	2.71	✔
Blue	B8 (679)	507	-35	461.1	2.90	✔
Blue	B9 (697)	661	-36	392.4	2.84	✔
Blue	B10 (717)	544	-13	248.9	2.37	✔
Blue	B11 (738)	368	8	343.4	2.38	✔
Blue	B12 (760)	484	20	585.2	3.02	✔
Blue	B13 (783)	593	45	623.7	3.60	✔
Blue	B14 (812)	723	80	1,006.0	5.55	✔
YellowGreen	YG1 (577)	556	-18	587.6	4.06	✔
YellowGreen	YG2 (598)	529	-10	1,418.2	3.38	✔
YellowGreen	YG3 (615)	399	-14	2,150.8	3.05	✔
YellowGreen	YG4 (661)	739	-16	1,243.9	2.97	✔
YellowGreen	YG5 (679)	599	-20	879.3	2.90	✔
YellowGreen	YG6 (697)	735	-25	572.3	3.06	✔
YellowGreen	YG7 (720)	440	-1	697.5	2.63	✔
YellowGreen	YG8 (750)	408	16	818.5	2.91	✔
YellowGreen	YG9 (780)	552	39	1,064.1	3.94	✔
YellowGreen	YG10 (812)	607	77	933.8	6.19	✔
Red	R1 (661)	358	-26	383.6	2.92	✔
Red	R2 (679)	313	-31	516.8	3.12	✔
Red	R3 (697)	422	-31	415.2	3.23	✔
Red	R4 (717)	410	-13	356.2	3.30	✔
Red	R5 (738)	301	8	654.6	4.60	✔
Red	R6 (760)	347	23	933.9	6.62	✔
Red	R7 (783)	477	53	1,278.6	7.96	✔
Red	R8 (812)	332	66	919.3	11.57	✔

**Laser Settings**

Laser	Laser Delay	Area Scaling Factor
Red	-31.23	0.84
Blue	0.00	0.97
Violet	33.23	0.92
YellowGreen	63.78	0.87

FSC Area Scaling Factor: 1.00      Window Extension: 3

Temperature: 23.6 °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)