

**Daily QC Report**

<b>QC Status:</b>	<b>PASSED</b>	<b>Date:</b>	October 30, 2023 - 10:05 AM
<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>	38 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	421	72	1,911.3	0.98	✔
Violet	SSC	486	150	2,006.3	4.27	✔
Blue	SSC-B	527	141	1,986.7	4.39	✔
Violet	V1 (428)	302	67	466.1	2.92	✔
Violet	V2 (443)	370	79	1,080.7	2.98	✔
Violet	V3 (458)	347	70	1,226.7	2.98	✔
Violet	V4 (473)	251	52	1,203.5	2.73	✔
Violet	V5 (508)	297	62	1,134.4	2.71	✔
Violet	V6 (525)	295	61	837.4	2.81	✔
Violet	V7 (542)	382	81	962.1	2.60	✔
Violet	V8 (581)	629	114	1,029.8	1.97	✔
Violet	V9 (598)	486	79	1,234.4	1.36	✔
Violet	V10 (615)	508	77	2,152.9	2.10	✔
Violet	V11 (664)	430	81	1,014.9	2.15	✔
Violet	V12 (692)	364	75	517.8	2.43	✔
Violet	V13 (720)	329	74	498.9	2.42	✔
Violet	V14 (750)	475	115	1,248.6	4.71	✔
Violet	V15 (780)	623	156	1,791.4	6.45	✔
Violet	V16 (812)	457	120	1,330.8	8.73	✔
Blue	B1 (508)	1,269	311	142.9	3.26	✔
Blue	B2 (525)	672	158	134.9	2.92	✔
Blue	B3 (542)	647	149	277.9	2.85	✔
Blue	B4 (581)	602	126	490.7	3.03	✔
Blue	B5 (598)	432	74	701.2	2.47	✔
Blue	B6 (615)	378	73	876.5	2.73	✔
Blue	B7 (661)	828	192	639.2	3.71	✔
Blue	B8 (679)	698	156	467.5	3.75	✔
Blue	B9 (697)	922	225	395.5	3.73	✔
Blue	B10 (717)	759	202	259.5	3.45	✔
Blue	B11 (738)	498	138	341.6	3.57	✔
Blue	B12 (760)	648	184	572.7	4.61	✔
Blue	B13 (783)	770	222	598.4	4.86	✔
Blue	B14 (812)	959	316	1,008.0	6.19	✔
YellowGreen	YG1 (577)	736	162	608.0	3.78	✔
YellowGreen	YG2 (598)	657	118	1,400.8	3.52	✔
YellowGreen	YG3 (615)	502	89	2,146.8	3.29	✔
YellowGreen	YG4 (661)	994	239	1,275.8	2.88	✔
YellowGreen	YG5 (679)	796	177	889.5	2.60	✔
YellowGreen	YG6 (697)	999	239	591.8	3.07	✔
YellowGreen	YG7 (720)	600	159	696.0	3.85	✔
YellowGreen	YG8 (750)	533	141	811.1	4.70	✔
YellowGreen	YG9 (780)	703	190	1,030.3	5.33	✔
YellowGreen	YG10 (812)	750	220	883.3	7.29	✔
Red	R1 (661)	522	138	387.4	2.60	✔
Red	R2 (679)	448	104	539.8	2.73	✔
Red	R3 (697)	605	152	426.7	2.92	✔
Red	R4 (717)	555	132	358.9	2.65	✔
Red	R5 (738)	382	89	646.1	4.23	✔
Red	R6 (760)	437	113	930.8	6.90	✔
Red	R7 (783)	583	159	1,254.2	8.76	✔
Red	R8 (812)	397	131	897.9	15.15	✔

**Laser Settings**

Laser	Laser Delay	Area Scaling Factor
Red	-19.68	1.09
Blue	0.00	1.21
Violet	20.93	1.16
YellowGreen	40.08	1.10

FSC Area Scaling Factor: 1.21      Window Extension: 3

Temperature: 24.4 °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)