

### Daily QC Report

<b>QC Status:</b> PASSED	<b>Date:</b> June 19, 2023 - 11:07 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> 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	314	-35	2,019.4	2.25	✔
Violet	SSC	329	-7	1,999.3	5.33	✔
Blue	SSC-B	359	-27	1,988.0	5.62	✔
Violet	V1 (428)	230	-5	468.6	2.68	✔
Violet	V2 (443)	282	-9	1,077.4	2.72	✔
Violet	V3 (458)	268	-9	1,232.5	2.65	✔
Violet	V4 (473)	193	-6	1,201.9	2.42	✔
Violet	V5 (508)	228	-7	1,132.6	2.28	✔
Violet	V6 (525)	226	-8	824.7	2.26	✔
Violet	V7 (542)	291	-10	952.5	2.16	✔
Violet	V8 (581)	494	-21	1,022.6	2.53	✔
Violet	V9 (598)	393	-14	1,229.3	2.81	✔
Violet	V10 (615)	413	-18	2,115.7	3.08	✔
Violet	V11 (664)	339	-10	1,010.3	3.20	✔
Violet	V12 (692)	282	-7	504.8	3.34	✔
Violet	V13 (720)	254	-1	497.5	2.97	✔
Violet	V14 (750)	365	5	1,243.5	3.04	✔
Violet	V15 (780)	478	11	1,807.0	4.09	✔
Violet	V16 (812)	354	17	1,360.1	6.03	✔
Blue	B1 (508)	900	-58	141.1	2.64	✔
Blue	B2 (525)	477	-37	132.4	2.51	✔
Blue	B3 (542)	463	-35	278.0	2.42	✔
Blue	B4 (581)	438	-38	484.9	2.05	✔
Blue	B5 (598)	330	-28	689.4	1.67	✔
Blue	B6 (615)	286	-19	876.9	1.77	✔
Blue	B7 (661)	598	-38	623.2	1.88	✔
Blue	B8 (679)	508	-34	465.5	1.94	✔
Blue	B9 (697)	661	-36	396.4	1.84	✔
Blue	B10 (717)	541	-16	254.3	1.65	✔
Blue	B11 (738)	356	-4	344.1	1.92	✔
Blue	B12 (760)	466	2	582.3	2.13	✔
Blue	B13 (783)	555	7	616.4	2.65	✔
Blue	B14 (812)	678	35	1,014.1	4.16	✔
YellowGreen	YG1 (577)	578	4	598.6	3.95	✔
YellowGreen	YG2 (598)	531	-8	1,403.6	3.55	✔
YellowGreen	YG3 (615)	411	-2	2,208.2	3.24	✔
YellowGreen	YG4 (661)	767	12	1,269.8	3.28	✔
YellowGreen	YG5 (679)	615	-4	877.3	3.18	✔
YellowGreen	YG6 (697)	770	10	584.1	3.27	✔
YellowGreen	YG7 (720)	447	6	700.6	2.83	✔
YellowGreen	YG8 (750)	399	7	821.1	2.52	✔
YellowGreen	YG9 (780)	529	16	1,060.1	3.23	✔
YellowGreen	YG10 (812)	562	32	923.1	4.95	✔
Red	R1 (661)	411	27	377.4	5.78	✔
Red	R2 (679)	363	19	524.6	5.96	✔
Red	R3 (697)	475	22	414.3	5.99	✔
Red	R4 (717)	449	26	349.5	5.22	✔
Red	R5 (738)	313	20	652.7	4.37	✔
Red	R6 (760)	347	23	937.0	4.98	✔
Red	R7 (783)	460	36	1,292.6	5.60	✔
Red	R8 (812)	297	31	933.2	9.29	✔

**Laser Settings**

Laser	Laser Delay	Area Scaling Factor
Red	-32.75	0.84
Blue	0.00	0.96
Violet	32.23	0.92
YellowGreen	62.85	0.87

FSC Area Scaling Factor: 0.99      Window Extension: 3

Temperature: 24.4 °C

**Specifications**

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