

**Daily QC Report**

<b>QC Status:</b> PASSED	<b>Date:</b> July 20, 2023 - 14:14 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> 25 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	380	31	1,927.7	1.44	✔
Violet	SSC	406	70	1,989.3	5.68	✔
Blue	SSC-B	449	63	2,008.8	3.79	✔
Violet	V1 (428)	265	30	472.7	1.82	✔
Violet	V2 (443)	326	35	1,069.7	1.85	✔
Violet	V3 (458)	308	31	1,241.6	1.86	✔
Violet	V4 (473)	221	22	1,192.0	1.75	✔
Violet	V5 (508)	261	26	1,132.2	1.66	✔
Violet	V6 (525)	261	27	838.3	1.66	✔
Violet	V7 (542)	330	29	949.9	1.56	✔
Violet	V8 (581)	546	31	1,018.7	1.48	✔
Violet	V9 (598)	427	20	1,224.7	1.53	✔
Violet	V10 (615)	453	22	2,093.0	1.64	✔
Violet	V11 (664)	383	34	1,019.9	1.52	✔
Violet	V12 (692)	319	30	510.0	1.64	✔
Violet	V13 (720)	286	31	498.0	2.05	✔
Violet	V14 (750)	412	52	1,250.8	2.65	✔
Violet	V15 (780)	533	66	1,823.3	3.57	✔
Violet	V16 (812)	381	44	1,376.7	4.93	✔
Blue	B1 (508)	1,085	127	142.0	2.88	✔
Blue	B2 (525)	574	60	132.8	2.54	✔
Blue	B3 (542)	560	62	276.2	2.33	✔
Blue	B4 (581)	528	52	489.6	2.10	✔
Blue	B5 (598)	391	33	695.6	1.85	✔
Blue	B6 (615)	339	34	869.7	1.84	✔
Blue	B7 (661)	729	93	611.9	1.75	✔
Blue	B8 (679)	623	81	459.7	1.73	✔
Blue	B9 (697)	813	116	391.7	1.79	✔
Blue	B10 (717)	656	99	252.0	1.82	✔
Blue	B11 (738)	429	69	343.1	1.78	✔
Blue	B12 (760)	565	101	588.5	2.23	✔
Blue	B13 (783)	664	116	618.3	2.39	✔
Blue	B14 (812)	792	149	1,012.7	3.59	✔
YellowGreen	YG1 (577)	643	69	589.6	2.52	✔
YellowGreen	YG2 (598)	589	50	1,391.4	2.12	✔
YellowGreen	YG3 (615)	458	45	2,191.9	1.96	✔
YellowGreen	YG4 (661)	874	119	1,236.9	1.98	✔
YellowGreen	YG5 (679)	716	97	888.5	1.80	✔
YellowGreen	YG6 (697)	887	127	578.5	2.02	✔
YellowGreen	YG7 (720)	521	80	694.5	1.92	✔
YellowGreen	YG8 (750)	465	73	818.9	1.83	✔
YellowGreen	YG9 (780)	614	101	1,063.5	2.28	✔
YellowGreen	YG10 (812)	640	110	922.6	3.56	✔
Red	R1 (661)	454	70	388.3	1.77	✔
Red	R2 (679)	391	47	525.7	1.69	✔
Red	R3 (697)	529	76	415.1	1.94	✔
Red	R4 (717)	493	70	356.6	1.94	✔
Red	R5 (738)	333	40	647.8	2.32	✔
Red	R6 (760)	377	53	947.9	3.03	✔
Red	R7 (783)	498	74	1,291.2	3.66	✔
Red	R8 (812)	322	56	935.0	5.80	✔

**Laser Settings**

Laser	Laser Delay	Area Scaling Factor
Red	-25.25	0.99
Blue	0.00	1.09
Violet	24.95	1.06
YellowGreen	48.53	1.00

FSC Area Scaling Factor: 1.11      Window Extension: 3

Temperature: 24.8 °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)