

## Daily QC Report

<b>QC Status:</b> PASSED	<b>Date:</b> April 24, 2023 - 11:39 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> 15 PSI
<b>Software:</b> SpectroFloCS 1.0.5	

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

Laser	Detector (nm)	Gain	Gain Change	Median (x1000)	% rCV	Status
Blue	FSC	289	-42	2,016.3	1.42	✓
Violet	SSC	310	-42	1,999.8	4.11	✓
Blue	SSC-B	327	-55	2,020.3	6.57	✓
Violet	V1 (428)	197	-15	464.3	4.51	✓
Violet	V2 (443)	246	-16	1,079.2	4.38	✓
Violet	V3 (458)	231	-17	1,237.8	4.62	✓
Violet	V4 (473)	165	-14	1,194.4	4.94	✓
Violet	V5 (508)	192	-21	1,126.8	5.21	✓
Violet	V6 (525)	192	-23	827.7	5.37	✓
Violet	V7 (542)	240	-31	952.2	6.33	✓
Violet	V8 (581)	395	-56	1,018.3	7.21	✓
Violet	V9 (598)	322	-33	1,218.1	6.28	✓
Violet	V10 (615)	346	-32	2,077.1	6.12	✓
Violet	V11 (664)	264	-55	1,002.7	6.85	✓
Violet	V12 (692)	217	-51	501.4	7.68	✓
Violet	V13 (720)	224	-17	492.0	7.11	✓
Violet	V14 (750)	410	63	1,203.0	10.06	✓
Violet	V15 (780)	621	171	1,726.7	12.08	✓
Violet	V16 (812)	566	238	1,307.6	13.76	✓
Blue	B1 (508)	746	-129	143.6	2.16	✓
Blue	B2 (525)	387	-74	133.1	2.00	✓
Blue	B3 (542)	356	-89	277.8	2.06	✓
Blue	B4 (581)	332	-84	490.3	2.05	✓
Blue	B5 (598)	259	-47	697.1	2.18	✓
Blue	B6 (615)	227	-39	878.8	2.87	✓
Blue	B7 (661)	452	-131	630.4	2.38	✓
Blue	B8 (679)	372	-120	464.5	2.22	✓
Blue	B9 (697)	487	-161	397.6	2.22	✓
Blue	B10 (717)	421	-98	251.4	2.40	✓
Blue	B11 (738)	336	-1	340.1	5.14	✓
Blue	B12 (760)	492	54	575.4	6.86	✓
Blue	B13 (783)	650	139	603.2	7.88	✓
Blue	B14 (812)	930	339	971.7	9.68	✓
YellowGreen	YG1 (577)	400	-81	602.7	2.68	✓
YellowGreen	YG2 (598)	394	-45	1,387.5	2.49	✓
YellowGreen	YG3 (615)	314	-31	2,151.2	2.75	✓
YellowGreen	YG4 (661)	577	-100	1,246.1	2.41	✓
YellowGreen	YG5 (679)	454	-96	886.4	2.19	✓
YellowGreen	YG6 (697)	544	-130	573.9	2.50	✓
YellowGreen	YG7 (720)	354	-44	692.2	3.18	✓
YellowGreen	YG8 (750)	411	48	797.9	6.04	✓
YellowGreen	YG9 (780)	644	166	1,025.2	7.84	✓
YellowGreen	YG10 (812)	826	319	870.7	9.68	✓
Red	R1 (661)	266	-149	386.0	3.54	✓
Red	R2 (679)	216	-138	531.3	3.65	✓
Red	R3 (697)	293	-180	419.5	3.54	✓
Red	R4 (717)	310	-119	356.5	2.78	✓
Red	R5 (738)	274	-9	647.4	3.17	✓
Red	R6 (760)	350	40	920.8	5.40	✓
Red	R7 (783)	528	123	1,259.4	6.83	✓
Red	R8 (812)	407	154	900.6	9.15	✓

### Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-33.60	0.85
Blue	0.00	0.97
Violet	31.83	0.94
YellowGreen	64.15	0.88

FSC Area Scaling Factor: 1.00      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)