

### Daily QC Report

<b>QC Status:</b> PASSED	<b>Date:</b> March 04, 2024 - 10:42 AM
<b>Cytometer Name:</b> Aurora	<b>User:</b> Admin
<b>Serial Number:</b> S0144	<b>Nozzle Size:</b> 70 µm
<b>Configuration:</b> 4-Laser-V16-B14-R8-YG10	<b>Nozzle Serial Number:</b> K51164
<b>Software:</b> SpectroFloCS 1.2.1	<b>Sheath Pressure:</b> 68 PSI
<b>QC Beads</b>	
<b>Lot ID:</b> 2005	<b>Expiration Date:</b> December 31, 2026

Laser	Detector (nm)	Gain	Gain Change	Median (x1000)	% rCV	Status
Blue	FSC	431	82	2,008.7	2.85	✓
Violet	SSC	636	300	2,027.1	6.50	✓
Blue	SSC-B	576	190	2,029.1	5.43	✓
Violet	V1 (428)	379	144	471.3	3.11	✓
Violet	V2 (443)	459	168	1,082.6	3.40	✓
Violet	V3 (458)	445	168	1,222.4	3.11	✓
Violet	V4 (473)	316	117	1,200.0	3.08	✓
Violet	V5 (508)	379	144	1,140.5	3.21	✓
Violet	V6 (525)	366	132	823.0	3.24	✓
Violet	V7 (542)	483	182	954.0	2.48	✓
Violet	V8 (581)	792	277	1,028.4	2.44	✓
Violet	V9 (598)	585	178	1,219.6	3.11	✓
Violet	V10 (615)	602	171	2,125.6	3.73	✓
Violet	V11 (664)	529	180	1,012.8	4.03	✓
Violet	V12 (692)	434	145	500.6	4.21	✓
Violet	V13 (720)	383	128	498.3	3.88	✓
Violet	V14 (750)	512	152	1,240.3	4.57	✓
Violet	V15 (780)	677	210	1,808.1	4.56	✓
Violet	V16 (812)	501	164	1,367.9	5.62	✓
Blue	B1 (508)	1,279	321	142.3	3.09	✓
Blue	B2 (525)	676	162	133.6	2.81	✓
Blue	B3 (542)	651	153	272.3	2.44	✓
Blue	B4 (581)	606	130	484.3	1.81	✓
Blue	B5 (598)	455	97	696.7	1.81	✓
Blue	B6 (615)	391	86	870.0	2.46	✓
Blue	B7 (661)	860	224	626.0	2.52	✓
Blue	B8 (679)	721	179	465.8	2.66	✓
Blue	B9 (697)	937	240	393.2	2.61	✓
Blue	B10 (717)	766	209	254.2	2.54	✓
Blue	B11 (738)	496	136	345.7	3.71	✓
Blue	B12 (760)	633	169	589.0	4.31	✓
Blue	B13 (783)	761	213	621.7	4.63	✓
Blue	B14 (812)	879	236	1,022.4	5.62	✓
YellowGreen	YG1 (577)	736	162	595.4	3.33	✓
YellowGreen	YG2 (598)	667	128	1,415.4	2.83	✓
YellowGreen	YG3 (615)	512	99	2,160.0	2.62	✓
YellowGreen	YG4 (661)	989	234	1,247.6	2.86	✓
YellowGreen	YG5 (679)	800	181	884.8	2.60	✓
YellowGreen	YG6 (697)	994	234	571.6	2.81	✓
YellowGreen	YG7 (720)	575	134	695.3	2.08	✓
YellowGreen	YG8 (750)	503	111	825.4	2.23	✓
YellowGreen	YG9 (780)	670	157	1,073.4	2.82	✓
YellowGreen	YG10 (812)	670	140	938.6	4.39	✓
Red	R1 (661)	648	264	384.9	3.36	✓
Red	R2 (679)	529	185	521.7	3.48	✓
Red	R3 (697)	717	264	415.5	3.63	✓
Red	R4 (717)	657	234	350.1	3.70	✓
Red	R5 (738)	436	143	651.5	4.80	✓
Red	R6 (760)	474	150	946.9	5.77	✓
Red	R7 (783)	618	194	1,294.1	6.75	✓
Red	R8 (812)	380	114	939.1	8.44	✓

**Laser Settings**

Laser	Laser Delay	Area Scaling Factor
Red	-27.98	0.89
Blue	0.00	1.06
Violet	27.73	0.96
YellowGreen	56.05	0.96

FSC Area Scaling Factor: 1.08      Window Extension: 3

Temperature: 23.5 °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)