

### Daily QC Report

<b>QC Status:</b> PASSED	<b>Date:</b> January 22, 2024 - 10:01 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>Nozzle Serial Number:</b> K51168
<b>Software:</b> SpectroFloCS 1.2.1	<b>Sheath Pressure:</b> 15 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	453	104	1,941.4	1.96	✓
Violet	SSC	592	256	2,008.3	4.15	✓
Blue	SSC-B	599	213	1,998.8	4.19	✓
Violet	V1 (428)	366	131	465.3	3.05	✓
Violet	V2 (443)	445	154	1,072.0	3.07	✓
Violet	V3 (458)	436	159	1,238.7	3.08	✓
Violet	V4 (473)	308	109	1,194.9	2.88	✓
Violet	V5 (508)	366	131	1,134.0	2.72	✓
Violet	V6 (525)	361	127	831.6	2.72	✓
Violet	V7 (542)	465	164	952.1	2.68	✓
Violet	V8 (581)	785	270	1,016.4	3.17	✓
Violet	V9 (598)	604	197	1,243.2	3.54	✓
Violet	V10 (615)	619	188	2,122.1	3.89	✓
Violet	V11 (664)	533	184	1,000.7	3.96	✓
Violet	V12 (692)	444	155	502.3	4.12	✓
Violet	V13 (720)	395	140	498.8	4.43	✓
Violet	V14 (750)	550	190	1,246.5	4.89	✓
Violet	V15 (780)	713	246	1,826.7	6.07	✓
Violet	V16 (812)	521	184	1,374.2	7.58	✓
Blue	B1 (508)	1,420	462	143.2	3.59	✓
Blue	B2 (525)	748	234	134.4	3.23	✓
Blue	B3 (542)	729	231	278.0	3.01	✓
Blue	B4 (581)	672	196	485.1	2.84	✓
Blue	B5 (598)	499	141	700.3	2.51	✓
Blue	B6 (615)	434	129	880.8	2.41	✓
Blue	B7 (661)	930	294	628.6	2.36	✓
Blue	B8 (679)	799	257	462.3	2.30	✓
Blue	B9 (697)	1,024	327	387.5	2.35	✓
Blue	B10 (717)	843	286	255.0	2.11	✓
Blue	B11 (738)	535	175	342.8	1.88	✓
Blue	B12 (760)	696	232	583.7	2.12	✓
Blue	B13 (783)	821	273	616.9	2.38	✓
Blue	B14 (812)	964	321	1,012.6	3.47	✓
YellowGreen	YG1 (577)	800	226	592.5	3.05	✓
YellowGreen	YG2 (598)	724	185	1,395.0	2.67	✓
YellowGreen	YG3 (615)	561	148	2,204.7	2.45	✓
YellowGreen	YG4 (661)	1,073	318	1,228.4	2.48	✓
YellowGreen	YG5 (679)	869	250	868.5	2.29	✓
YellowGreen	YG6 (697)	1,080	320	577.5	2.54	✓
YellowGreen	YG7 (720)	627	186	697.2	2.42	✓
YellowGreen	YG8 (750)	544	152	822.1	2.15	✓
YellowGreen	YG9 (780)	707	194	1,059.3	2.49	✓
YellowGreen	YG10 (812)	734	204	922.7	3.79	✓
Red	R1 (661)	574	190	383.2	2.60	✓
Red	R2 (679)	488	144	528.6	2.66	✓
Red	R3 (697)	653	200	421.7	2.80	✓
Red	R4 (717)	606	183	352.5	3.20	✓
Red	R5 (738)	409	116	651.9	4.03	✓
Red	R6 (760)	457	133	942.3	5.80	✓
Red	R7 (783)	605	181	1,283.3	6.89	✓
Red	R8 (812)	396	130	922.3	11.95	✓

**Laser Settings**

Laser	Laser Delay	Area Scaling Factor
Red	-32.70	0.82
Blue	0.00	0.93
Violet	32.95	0.86
YellowGreen	63.98	0.85

FSC Area Scaling Factor: 0.96      Window Extension: 3

Temperature: 27 °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)