

## Daily QC Report

<b>QC Status:</b> PASSED	<b>Date:</b> December 11, 2023 - 10:03 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>Sheath Pressure:</b> 68 PSI
<b>Software:</b> SpectroFloCS 1.0.7.1	
<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	540	191	2,042.8	2.20	✓
Violet	SSC	500	164	1,982.4	4.31	✓
Blue	SSC-B	658	272	1,996.9	5.09	✓
Violet	V1 (428)	314	79	468.0	3.12	✓
Violet	V2 (443)	388	97	1,086.4	3.16	✓
Violet	V3 (458)	367	90	1,222.4	3.11	✓
Violet	V4 (473)	265	66	1,212.9	2.72	✓
Violet	V5 (508)	313	78	1,135.5	2.42	✓
Violet	V6 (525)	311	77	834.1	2.32	✓
Violet	V7 (542)	400	99	961.9	2.03	✓
Violet	V8 (581)	651	136	1,017.1	2.02	✓
Violet	V9 (598)	502	95	1,225.8	2.13	✓
Violet	V10 (615)	520	89	2,116.9	2.34	✓
Violet	V11 (664)	443	94	1,010.9	3.09	✓
Violet	V12 (692)	362	73	499.6	3.56	✓
Violet	V13 (720)	335	80	498.7	3.00	✓
Violet	V14 (750)	481	121	1,234.0	3.87	✓
Violet	V15 (780)	636	169	1,785.1	5.25	✓
Violet	V16 (812)	487	150	1,344.6	7.33	✓
Blue	B1 (508)	1,546	588	145.4	3.10	✓
Blue	B2 (525)	805	291	131.9	2.89	✓
Blue	B3 (542)	775	277	282.4	2.86	✓
Blue	B4 (581)	710	234	491.4	2.98	✓
Blue	B5 (598)	520	162	712.1	3.08	✓
Blue	B6 (615)	449	144	894.8	3.19	✓
Blue	B7 (661)	981	345	641.9	3.22	✓
Blue	B8 (679)	826	284	474.2	3.30	✓
Blue	B9 (697)	1,079	382	399.6	3.30	✓
Blue	B10 (717)	896	339	255.1	3.02	✓
Blue	B11 (738)	591	231	343.7	3.12	✓
Blue	B12 (760)	771	307	586.1	3.76	✓
Blue	B13 (783)	944	396	616.4	4.13	✓
Blue	B14 (812)	1,140	497	1,006.3	5.33	✓
YellowGreen	YG1 (577)	843	269	590.2	3.88	✓
YellowGreen	YG2 (598)	774	235	1,428.5	3.24	✓
YellowGreen	YG3 (615)	590	177	2,194.7	2.84	✓
YellowGreen	YG4 (661)	1,156	401	1,266.6	3.20	✓
YellowGreen	YG5 (679)	923	304	889.7	3.26	✓
YellowGreen	YG6 (697)	1,173	413	596.9	3.56	✓
YellowGreen	YG7 (720)	681	240	694.1	3.05	✓
YellowGreen	YG8 (750)	625	233	816.0	2.80	✓
YellowGreen	YG9 (780)	837	324	1,052.1	3.60	✓
YellowGreen	YG10 (812)	885	355	911.8	5.64	✓
Red	R1 (661)	516	132	389.2	4.46	✓
Red	R2 (679)	430	86	522.1	4.63	✓
Red	R3 (697)	583	130	422.0	4.80	✓
Red	R4 (717)	557	134	356.9	4.13	✓
Red	R5 (738)	388	95	645.6	3.18	✓
Red	R6 (760)	443	119	927.2	4.65	✓
Red	R7 (783)	602	178	1,269.3	5.75	✓
Red	R8 (812)	408	142	915.9	10.24	✓

### Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-27.55	0.90
Blue	0.00	0.99
Violet	29.40	0.97
YellowGreen	56.35	0.91

FSC Area Scaling Factor: 1.00      Window Extension: 3

Temperature: 24.1 °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)