

### Daily QC Report

<b>QC Status:</b> PASSED	<b>Date:</b> September 18, 2023 - 10:51 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>Sheath Pressure:</b> 15 PSI
<b>Software:</b> SpectroFloCS 1.0.7.1	

<b>QC Beads</b>	<b>Expiration Date:</b> December 31, 2026
Lot ID: 2005	

Laser	Detector (nm)	Gain	Gain Change	Median (x1000)	% rCV	Status
Blue	FSC	322	-27	2,076.0	2.53	✔
Violet	SSC	361	25	1,995.1	4.43	✔
Blue	SSC-B	373	-13	2,001.5	7.48	✔
Violet	V1 (428)	240	5	469.2	2.76	✔
Violet	V2 (443)	293	2	1,081.4	2.80	✔
Violet	V3 (458)	279	2	1,229.2	2.83	✔
Violet	V4 (473)	201	2	1,207.6	2.58	✔
Violet	V5 (508)	235	0	1,123.0	2.37	✔
Violet	V6 (525)	232	-2	822.2	2.32	✔
Violet	V7 (542)	304	3	959.8	2.17	✔
Violet	V8 (581)	502	-13	1,015.1	2.43	✔
Violet	V9 (598)	391	-16	1,233.1	2.71	✔
Violet	V10 (615)	414	-17	2,138.8	2.94	✔
Violet	V11 (664)	351	2	1,019.5	3.31	✔
Violet	V12 (692)	296	7	509.6	3.59	✔
Violet	V13 (720)	263	8	497.0	3.11	✔
Violet	V14 (750)	378	18	1,244.1	4.00	✔
Violet	V15 (780)	497	30	1,795.6	5.55	✔
Violet	V16 (812)	371	34	1,356.7	8.09	✔
Blue	B1 (508)	946	-12	141.9	2.04	✔
Blue	B2 (525)	511	-3	134.2	1.84	✔
Blue	B3 (542)	493	-5	277.6	1.86	✔
Blue	B4 (581)	458	-18	486.8	1.76	✔
Blue	B5 (598)	331	-27	697.1	1.83	✔
Blue	B6 (615)	285	-20	878.8	2.15	✔
Blue	B7 (661)	624	-12	629.3	2.04	✔
Blue	B8 (679)	528	-14	467.0	2.07	✔
Blue	B9 (697)	688	-9	398.1	1.93	✔
Blue	B10 (717)	563	6	252.8	1.81	✔
Blue	B11 (738)	369	9	342.6	2.62	✔
Blue	B12 (760)	486	22	585.5	3.26	✔
Blue	B13 (783)	581	33	617.2	3.74	✔
Blue	B14 (812)	699	56	992.8	5.70	✔
YellowGreen	YG1 (577)	573	-1	592.3	3.17	✔
YellowGreen	YG2 (598)	520	-19	1,419.0	2.64	✔
YellowGreen	YG3 (615)	403	-10	2,195.8	2.38	✔
YellowGreen	YG4 (661)	776	21	1,259.2	2.59	✔
YellowGreen	YG5 (679)	626	7	883.5	2.53	✔
YellowGreen	YG6 (697)	785	25	583.2	2.70	✔
YellowGreen	YG7 (720)	459	18	697.1	2.32	✔
YellowGreen	YG8 (750)	412	20	820.9	2.25	✔
YellowGreen	YG9 (780)	545	32	1,057.3	3.07	✔
YellowGreen	YG10 (812)	577	47	915.6	5.11	✔
Red	R1 (661)	416	32	384.0	2.84	✔
Red	R2 (679)	355	11	531.8	3.08	✔
Red	R3 (697)	479	26	418.2	3.43	✔
Red	R4 (717)	447	24	352.5	3.61	✔
Red	R5 (738)	312	19	653.3	4.69	✔
Red	R6 (760)	355	31	933.0	6.83	✔
Red	R7 (783)	482	58	1,271.3	8.27	✔
Red	R8 (812)	339	73	927.9	12.04	✔

#### Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-31.20	0.85
Blue	0.00	0.97
Violet	32.95	0.93
YellowGreen	63.40	0.87

FSC Area Scaling Factor: 1.00      Window Extension: 3

Temperature: 23.2 °C

#### Specifications

<b>FSC</b>	<b>% rCV:</b>	< 6 (Recommended)
<b>SSC-B</b>	<b>% rCV:</b>	< 8 (Recommended)
<b>R3</b>	<b>% rCV:</b>	< 6 (Recommended)
<b>B3</b>	<b>% rCV:</b>	< 6 (Recommended)
<b>V3</b>	<b>% rCV:</b>	< 6 (Recommended)
<b>YG3</b>	<b>% rCV:</b>	< 6 (Recommended)
<b>All Channels</b>	<b>% Gain Change:</b>	< 100 (Recommended)