

### Daily QC Report

<b>QC Status:</b>	PASSED	<b>Date:</b>	September 11, 2023 - 10:35 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>
Lot ID: 2005      Expiration Date: December 31, 2026

Laser	Detector (nm)	Gain	Gain Change	Median (x1000)	% rCV	Status
Blue	FSC	322	-27	2,046.5	1.33	✔
Violet	SSC	363	27	1,993.6	4.33	✔
Blue	SSC-B	388	2	2,025.0	6.41	✔
Violet	V1 (428)	239	4	463.9	2.69	✔
Violet	V2 (443)	294	3	1,078.2	2.76	✔
Violet	V3 (458)	279	2	1,225.3	2.78	✔
Violet	V4 (473)	203	4	1,210.2	2.49	✔
Violet	V5 (508)	237	2	1,123.8	2.29	✔
Violet	V6 (525)	234	0	821.5	2.22	✔
Violet	V7 (542)	307	6	957.3	1.99	✔
Violet	V8 (581)	513	-2	1,024.6	1.99	✔
Violet	V9 (598)	397	-10	1,222.3	2.25	✔
Violet	V10 (615)	419	-12	2,122.4	2.51	✔
Violet	V11 (664)	357	8	1,001.4	2.48	✔
Violet	V12 (692)	297	8	495.3	2.62	✔
Violet	V13 (720)	267	12	500.0	2.68	✔
Violet	V14 (750)	373	13	1,244.9	3.09	✔
Violet	V15 (780)	485	18	1,815.2	4.22	✔
Violet	V16 (812)	348	11	1,356.5	5.71	✔
Blue	B1 (508)	973	15	141.7	2.43	✔
Blue	B2 (525)	518	4	133.0	2.22	✔
Blue	B3 (542)	506	8	276.8	2.13	✔
Blue	B4 (581)	471	-5	483.0	2.25	✔
Blue	B5 (598)	341	-17	690.2	2.47	✔
Blue	B6 (615)	298	-7	886.6	2.68	✔
Blue	B7 (661)	647	11	625.3	2.58	✔
Blue	B8 (679)	553	11	470.6	2.60	✔
Blue	B9 (697)	713	16	389.5	2.40	✔
Blue	B10 (717)	580	23	254.9	2.20	✔
Blue	B11 (738)	372	12	343.9	2.28	✔
Blue	B12 (760)	485	21	585.6	2.47	✔
Blue	B13 (783)	573	25	622.1	2.77	✔
Blue	B14 (812)	672	29	1,007.6	3.68	✔
YellowGreen	YG1 (577)	592	18	590.8	3.00	✔
YellowGreen	YG2 (598)	541	2	1,415.6	2.59	✔
YellowGreen	YG3 (615)	412	-1	2,177.3	2.32	✔
YellowGreen	YG4 (661)	806	51	1,269.2	2.33	✔
YellowGreen	YG5 (679)	646	27	881.7	2.15	✔
YellowGreen	YG6 (697)	813	53	589.4	2.29	✔
YellowGreen	YG7 (720)	468	27	694.9	2.05	✔
YellowGreen	YG8 (750)	411	19	819.5	1.63	✔
YellowGreen	YG9 (780)	538	25	1,065.6	2.21	✔
YellowGreen	YG10 (812)	550	20	921.8	3.55	✔
Red	R1 (661)	431	47	383.0	1.78	✔
Red	R2 (679)	371	27	526.0	1.81	✔
Red	R3 (697)	501	48	418.6	2.07	✔
Red	R4 (717)	457	34	348.3	2.45	✔
Red	R5 (738)	309	16	655.7	3.71	✔
Red	R6 (760)	345	21	930.3	5.86	✔
Red	R7 (783)	462	38	1,279.5	7.14	✔
Red	R8 (812)	305	39	910.4	11.65	✔

#### Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-31.25	0.85
Blue	0.00	0.96
Violet	32.95	0.92
YellowGreen	63.45	0.87

FSC Area Scaling Factor: 0.99      Window Extension: 3

Temperature: 24.1 °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)