

### Daily QC Report

<b>QC Status:</b> PASSED	<b>Date:</b> November 22, 2022 - 13:44 PM
<b>Cytometer Name:</b> Aurora CS	<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> 25 PSI
<b>Software:</b> SpectroFloCS 1.0.5	

**QC Beads**  
 Lot ID: 2003      Expiration Date: December 31, 2026

Laser	Detector (nm)	Gain	Gain Change	Median (x1000)	% rCV	Status
Blue	FSC	338	40	1,964.2	2.50	✔
Violet	SSC	239	34	1,988.5	5.68	✔
Blue	SSC-B	310	63	1,990.4	3.06	✔
Violet	V1 (428)	201	33	445.8	2.74	✔
Violet	V2 (443)	248	38	1,062.5	2.71	✔
Violet	V3 (458)	230	38	1,243.3	2.73	✔
Violet	V4 (473)	166	25	1,278.5	2.80	✔
Violet	V5 (508)	196	28	1,245.1	2.92	✔
Violet	V6 (525)	197	27	905.0	2.95	✔
Violet	V7 (542)	253	36	984.1	3.29	✔
Violet	V8 (581)	420	64	801.8	3.70	✔
Violet	V9 (598)	341	54	913.4	3.84	✔
Violet	V10 (615)	364	57	1,466.1	4.33	✔
Violet	V11 (664)	309	59	696.1	4.13	✔
Violet	V12 (692)	262	51	413.4	4.51	✔
Violet	V13 (720)	266	58	371.8	5.11	✔
Violet	V14 (750)	389	84	350.1	5.53	✔
Violet	V15 (780)	493	126	307.0	6.07	✔
Violet	V16 (812)	349	101	151.4	6.62	✔
Blue	B1 (508)	773	142	135.5	2.62	✔
Blue	B2 (525)	407	66	134.3	2.50	✔
Blue	B3 (542)	400	60	244.8	2.47	✔
Blue	B4 (581)	378	55	360.5	2.27	✔
Blue	B5 (598)	291	44	502.5	2.52	✔
Blue	B6 (615)	260	40	617.7	2.88	✔
Blue	B7 (661)	552	82	435.9	2.91	✔
Blue	B8 (679)	486	72	350.2	2.99	✔
Blue	B9 (697)	659	113	347.0	3.16	✔
Blue	B10 (717)	523	102	202.9	3.41	✔
Blue	B11 (738)	360	74	143.3	3.57	✔
Blue	B12 (760)	472	99	143.7	3.92	✔
Blue	B13 (783)	555	137	112.5	4.10	✔
Blue	B14 (812)	654	165	125.8	4.09	✔
YellowGreen	YG1 (577)	452	62	459.5	1.58	✔
YellowGreen	YG2 (598)	436	80	1,236.7	2.46	✔
YellowGreen	YG3 (615)	340	67	1,891.8	2.61	✔
YellowGreen	YG4 (661)	670	125	1,103.1	2.56	✔
YellowGreen	YG5 (679)	559	108	854.3	2.60	✔
YellowGreen	YG6 (697)	718	156	649.0	2.98	✔
YellowGreen	YG7 (720)	440	101	736.3	3.51	✔
YellowGreen	YG8 (750)	415	105	385.1	4.00	✔
YellowGreen	YG9 (780)	546	151	297.4	4.55	✔
YellowGreen	YG10 (812)	568	172	159.9	4.96	✔
Red	R1 (661)	377	29	392.4	1.90	✔
Red	R2 (679)	324	23	682.8	2.13	✔
Red	R3 (697)	465	70	767.7	2.62	✔
Red	R4 (717)	456	90	681.7	3.38	✔
Red	R5 (738)	317	65	581.8	3.59	✔
Red	R6 (760)	331	74	484.9	3.97	✔
Red	R7 (783)	426	100	491.6	4.34	✔
Red	R8 (812)	274	73	235.2	5.27	✔

**Laser Settings**

Laser	Laser Delay	Area Scaling Factor
Red	-25.88	0.99
Blue	0.00	1.11
Violet	24.58	1.08
YellowGreen	49.70	1.02

FSC Area Scaling Factor: 1.13      Window Extension: 3

Temperature: 25.4 °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)