

### Daily QC Report

**QC Status:** PASSED **Date:** September 19, 2022 - 13:51 PM  
**Cytometer Name:** Aurora CS **User:** Admin  
**Serial Number:** S0144 **Nozzle Size:** 100 µm  
**Configuration:** 4-Laser-V16-B14-R8-YG10 **Sheath Pressure:** 25 PSI  
**Software:** 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	348	50	2,019.5	3.38	✔
Violet	SSC	240	35	2,029.2	5.33	✔
Blue	SSC-B	297	50	1,989.0	2.68	✔
Violet	V1 (428)	197	29	446.9	1.36	✔
Violet	V2 (443)	243	33	1,053.4	1.39	✔
Violet	V3 (458)	223	31	1,247.5	1.28	✔
Violet	V4 (473)	163	22	1,293.3	1.25	✔
Violet	V5 (508)	193	25	1,259.0	1.29	✔
Violet	V6 (525)	195	25	916.2	1.35	✔
Violet	V7 (542)	247	30	998.3	1.40	✔
Violet	V8 (581)	400	44	813.7	1.42	✔
Violet	V9 (598)	321	34	906.8	1.89	✔
Violet	V10 (615)	348	41	1,463.9	2.61	✔
Violet	V11 (664)	292	42	685.0	2.33	✔
Violet	V12 (692)	250	39	413.4	2.88	✔
Violet	V13 (720)	251	43	361.3	3.72	✔
Violet	V14 (750)	373	68	343.8	4.33	✔
Violet	V15 (780)	466	99	301.8	4.90	✔
Violet	V16 (812)	321	73	147.1	5.33	✔
Blue	B1 (508)	744	113	134.1	3.18	✔
Blue	B2 (525)	396	55	134.6	3.06	✔
Blue	B3 (542)	392	52	245.5	2.90	✔
Blue	B4 (581)	366	43	361.6	2.46	✔
Blue	B5 (598)	276	29	509.0	2.47	✔
Blue	B6 (615)	245	25	610.4	2.85	✔
Blue	B7 (661)	544	74	441.1	2.49	✔
Blue	B8 (679)	472	58	348.5	2.51	✔
Blue	B9 (697)	636	90	340.4	2.97	✔
Blue	B10 (717)	499	78	200.9	3.64	✔
Blue	B11 (738)	346	60	141.1	3.88	✔
Blue	B12 (760)	450	77	140.2	4.47	✔
Blue	B13 (783)	531	113	111.4	4.80	✔
Blue	B14 (812)	613	124	123.1	4.95	✔
YellowGreen	YG1 (577)	426	36	461.3	1.46	✔
YellowGreen	YG2 (598)	397	41	1,213.4	3.16	✔
YellowGreen	YG3 (615)	316	43	1,855.4	3.58	✔
YellowGreen	YG4 (661)	626	81	1,068.4	3.43	✔
YellowGreen	YG5 (679)	524	73	834.9	3.40	✔
YellowGreen	YG6 (697)	685	123	648.9	4.14	✔
YellowGreen	YG7 (720)	416	77	722.1	4.88	✔
YellowGreen	YG8 (750)	394	84	383.5	5.40	✔
YellowGreen	YG9 (780)	504	109	292.0	6.16	✔
YellowGreen	YG10 (812)	511	115	152.7	6.78	✔
Red	R1 (661)	390	42	392.4	1.99	✔
Red	R2 (679)	329	28	687.5	2.08	✔
Red	R3 (697)	451	56	753.3	2.90	✔
Red	R4 (717)	433	67	662.9	4.43	✔
Red	R5 (738)	300	48	567.6	4.79	✔
Red	R6 (760)	312	55	472.9	5.15	✔
Red	R7 (783)	401	75	478.4	5.82	✔
Red	R8 (812)	253	52	229.5	6.29	✔

#### Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-25.88	1.00
Blue	0.00	1.12
Violet	24.38	1.08
YellowGreen	49.35	1.02

FSC Area Scaling Factor: 1.13 Window Extension: 3

Temperature: 25.8 °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)