

Daily QC Report

QC Status: PASSED **Date:** June 08, 2023 - 09:53 AM
Cytometer Name: Aurora **User:** Admin
Serial Number: S0144 **Nozzle Size:** 100 µm
Configuration: 4-Laser-V16-B14-R8-YG10 **Sheath Pressure:** 15 PSI
Software: SpectroFloCS 1.0.7.1

QC Beads
Lot ID: 2005 **Expiration Date:** December 31, 2026

Laser	Detector (nm)	Gain	Gain Change	Median (x1000)	% rCV	Status
Blue	FSC	317	-32	2,019.3	1.52	✔
Violet	SSC	323	-13	1,963.0	5.80	✔
Blue	SSC-B	361	-25	1,982.6	5.23	✔
Violet	V1 (428)	226	-9	464.3	2.49	✔
Violet	V2 (443)	279	-12	1,077.3	2.49	✔
Violet	V3 (458)	264	-13	1,221.1	2.46	✔
Violet	V4 (473)	190	-9	1,203.6	2.28	✔
Violet	V5 (508)	226	-9	1,131.8	2.13	✔
Violet	V6 (525)	225	-9	831.5	2.11	✔
Violet	V7 (542)	289	-12	960.6	2.01	✔
Violet	V8 (581)	485	-30	1,021.6	2.26	✔
Violet	V9 (598)	383	-24	1,221.5	2.40	✔
Violet	V10 (615)	404	-27	2,101.7	2.55	✔
Violet	V11 (664)	337	-12	1,000.6	2.80	✔
Violet	V12 (692)	281	-8	499.2	2.98	✔
Violet	V13 (720)	254	-1	498.8	2.51	✔
Violet	V14 (750)	361	1	1,248.0	3.68	✔
Violet	V15 (780)	466	-1	1,797.6	4.95	✔
Violet	V16 (812)	345	8	1,365.1	7.45	✔
Blue	B1 (508)	904	-54	143.5	2.32	✔
Blue	B2 (525)	478	-36	131.9	2.15	✔
Blue	B3 (542)	464	-34	276.6	2.11	✔
Blue	B4 (581)	440	-36	490.6	2.04	✔
Blue	B5 (598)	329	-29	694.7	2.06	✔
Blue	B6 (615)	284	-21	872.3	2.26	✔
Blue	B7 (661)	612	-24	625.7	2.40	✔
Blue	B8 (679)	520	-22	466.5	2.50	✔
Blue	B9 (697)	669	-28	390.1	2.34	✔
Blue	B10 (717)	540	-17	251.0	1.96	✔
Blue	B11 (738)	359	-1	344.4	2.09	✔
Blue	B12 (760)	467	3	583.6	2.08	✔
Blue	B13 (783)	549	1	616.0	2.42	✔
Blue	B14 (812)	663	20	1,006.4	4.47	✔
YellowGreen	YG1 (577)	570	-4	591.7	3.31	✔
YellowGreen	YG2 (598)	527	-12	1,401.8	2.85	✔
YellowGreen	YG3 (615)	404	-9	2,201.9	2.63	✔
YellowGreen	YG4 (661)	765	10	1,265.9	2.69	✔
YellowGreen	YG5 (679)	620	1	890.0	2.68	✔
YellowGreen	YG6 (697)	769	9	577.8	2.80	✔
YellowGreen	YG7 (720)	446	5	692.3	2.29	✔
YellowGreen	YG8 (750)	397	5	823.0	2.48	✔
YellowGreen	YG9 (780)	519	6	1,062.5	3.27	✔
YellowGreen	YG10 (812)	545	15	922.6	5.55	✔
Red	R1 (661)	437	53	381.2	4.97	✔
Red	R2 (679)	374	30	518.9	5.11	✔
Red	R3 (697)	492	39	411.6	5.17	✔
Red	R4 (717)	463	40	350.7	4.30	✔
Red	R5 (738)	313	20	645.6	4.17	✔
Red	R6 (760)	350	26	942.1	5.40	✔
Red	R7 (783)	457	33	1,283.1	6.31	✔
Red	R8 (812)	295	29	933.0	10.82	✔

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-32.75	0.84
Blue	0.00	0.95
Violet	32.08	0.92
YellowGreen	62.73	0.87

FSC Area Scaling Factor: 0.98 Window Extension: 3

Temperature: 24.4 °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)