

Daily QC Report

QC Status: PASSED **Date:** October 26, 2023 - 10:51 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	327	-22	2,060.5	1.61	✔
Violet	SSC	372	36	2,005.8	4.49	✔
Blue	SSC-B	400	14	2,006.5	6.38	✔
Violet	V1 (428)	242	7	467.5	2.96	✔
Violet	V2 (443)	297	6	1,076.7	2.99	✔
Violet	V3 (458)	283	6	1,236.1	2.98	✔
Violet	V4 (473)	204	5	1,197.5	2.75	✔
Violet	V5 (508)	238	3	1,124.8	2.54	✔
Violet	V6 (525)	237	3	830.2	2.52	✔
Violet	V7 (542)	306	5	951.5	2.38	✔
Violet	V8 (581)	512	-3	1,000.7	2.74	✔
Violet	V9 (598)	405	-2	1,222.9	2.84	✔
Violet	V10 (615)	433	2	2,117.7	2.81	✔
Violet	V11 (664)	359	10	1,006.3	3.68	✔
Violet	V12 (692)	298	9	493.0	4.09	✔
Violet	V13 (720)	272	17	501.5	2.96	✔
Violet	V14 (750)	390	30	1,240.9	5.52	✔
Violet	V15 (780)	512	45	1,807.1	7.44	✔
Violet	V16 (812)	379	42	1,376.8	10.65	✔
Blue	B1 (508)	989	31	143.6	2.64	✔
Blue	B2 (525)	523	9	134.1	2.63	✔
Blue	B3 (542)	504	6	276.4	2.79	✔
Blue	B4 (581)	471	-5	479.1	2.80	✔
Blue	B5 (598)	348	-10	686.2	2.63	✔
Blue	B6 (615)	304	-1	881.0	2.66	✔
Blue	B7 (661)	647	11	616.9	2.89	✔
Blue	B8 (679)	556	14	465.7	3.06	✔
Blue	B9 (697)	728	31	393.8	3.04	✔
Blue	B10 (717)	589	32	255.2	2.65	✔
Blue	B11 (738)	387	27	344.7	3.19	✔
Blue	B12 (760)	503	39	580.7	4.16	✔
Blue	B13 (783)	605	57	625.5	4.63	✔
Blue	B14 (812)	720	77	1,016.1	6.56	✔
YellowGreen	YG1 (577)	587	13	590.3	5.15	✔
YellowGreen	YG2 (598)	549	10	1,401.8	4.19	✔
YellowGreen	YG3 (615)	422	9	2,186.5	3.76	✔
YellowGreen	YG4 (661)	810	55	1,257.8	4.07	✔
YellowGreen	YG5 (679)	647	28	879.5	4.15	✔
YellowGreen	YG6 (697)	795	35	579.1	4.34	✔
YellowGreen	YG7 (720)	471	30	691.2	3.67	✔
YellowGreen	YG8 (750)	431	39	825.8	3.67	✔
YellowGreen	YG9 (780)	564	51	1,061.4	4.49	✔
YellowGreen	YG10 (812)	593	63	926.1	7.04	✔
Red	R1 (661)	414	30	379.9	3.57	✔
Red	R2 (679)	363	19	522.6	3.87	✔
Red	R3 (697)	488	35	420.5	4.12	✔
Red	R4 (717)	451	28	351.7	3.66	✔
Red	R5 (738)	319	26	655.2	4.18	✔
Red	R6 (760)	360	36	938.1	7.27	✔
Red	R7 (783)	487	63	1,287.4	9.23	✔
Red	R8 (812)	333	67	926.3	14.29	✔

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-31.20	0.84
Blue	0.00	0.95
Violet	33.15	0.92
YellowGreen	63.68	0.86

FSC Area Scaling Factor: 0.98 Window Extension: 3

Temperature: 25.2 °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)