

Daily QC Report

QC Status: PASSED
Cytometer Name: Aurora
Serial Number: S0144
Configuration: 4-Laser-V16-B14-R8-YG10
Software: SpectroFloCS 1.0.7.1

Date: August 28, 2023 - 11:06 AM
User: Admin
Nozzle Size: 100 µm
Sheath Pressure: 25 PSI

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

Laser	Detector (nm)	Gain	Gain Change	Median (x1000)	% rCV	Status
Blue	FSC	375	26	1,950.4	1.73	✔
Violet	SSC	401	65	1,973.5	4.84	✔
Blue	SSC-B	446	60	1,998.5	5.58	✔
Violet	V1 (428)	263	28	470.0	2.45	✔
Violet	V2 (443)	321	30	1,070.0	2.53	✔
Violet	V3 (458)	305	28	1,229.4	2.60	✔
Violet	V4 (473)	220	21	1,195.8	2.23	✔
Violet	V5 (508)	260	25	1,137.6	2.00	✔
Violet	V6 (525)	257	23	831.9	1.93	✔
Violet	V7 (542)	334	33	961.2	1.66	✔
Violet	V8 (581)	546	31	1,020.4	1.65	✔
Violet	V9 (598)	425	18	1,244.6	1.79	✔
Violet	V10 (615)	440	9	2,091.1	1.97	✔
Violet	V11 (664)	375	26	1,006.8	1.98	✔
Violet	V12 (692)	316	27	508.9	2.15	✔
Violet	V13 (720)	284	29	498.3	2.29	✔
Violet	V14 (750)	405	45	1,246.2	3.10	✔
Violet	V15 (780)	533	66	1,812.6	4.31	✔
Violet	V16 (812)	391	54	1,353.6	5.88	✔
Blue	B1 (508)	1,090	132	141.8	2.01	✔
Blue	B2 (525)	582	68	134.8	1.68	✔
Blue	B3 (542)	559	61	279.8	1.58	✔
Blue	B4 (581)	519	43	492.7	1.71	✔
Blue	B5 (598)	382	24	702.9	2.24	✔
Blue	B6 (615)	326	21	876.7	2.71	✔
Blue	B7 (661)	709	73	627.0	2.71	✔
Blue	B8 (679)	598	56	462.7	2.77	✔
Blue	B9 (697)	782	85	389.4	2.45	✔
Blue	B10 (717)	643	86	254.9	2.19	✔
Blue	B11 (738)	420	60	343.9	2.82	✔
Blue	B12 (760)	551	87	584.8	3.34	✔
Blue	B13 (783)	656	108	610.3	3.63	✔
Blue	B14 (812)	785	142	999.7	4.68	✔
YellowGreen	YG1 (577)	643	69	592.0	2.77	✔
YellowGreen	YG2 (598)	592	53	1,429.7	2.37	✔
YellowGreen	YG3 (615)	449	36	2,167.9	2.11	✔
YellowGreen	YG4 (661)	867	112	1,255.6	2.11	✔
YellowGreen	YG5 (679)	703	84	884.9	1.96	✔
YellowGreen	YG6 (697)	870	110	571.5	2.19	✔
YellowGreen	YG7 (720)	517	76	698.2	1.91	✔
YellowGreen	YG8 (750)	462	70	818.9	2.12	✔
YellowGreen	YG9 (780)	612	99	1,056.2	2.93	✔
YellowGreen	YG10 (812)	646	116	915.5	4.53	✔
Red	R1 (661)	449	65	386.6	1.98	✔
Red	R2 (679)	386	42	528.7	1.89	✔
Red	R3 (697)	526	73	420.5	2.05	✔
Red	R4 (717)	490	67	357.3	2.38	✔
Red	R5 (738)	341	48	650.2	3.69	✔
Red	R6 (760)	389	65	934.6	5.68	✔
Red	R7 (783)	530	106	1,278.9	7.08	✔
Red	R8 (812)	367	101	929.4	10.88	✔

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-24.05	0.99
Blue	0.00	1.11
Violet	25.15	1.07
YellowGreen	48.80	1.01

FSC Area Scaling Factor: 1.13 Window Extension: 3

Temperature: 23.4 °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)