

Daily QC Report

QC Status: PASSED	Date: March 13, 2023 - 10:27 AM
Cytometer Name: Aurora CS	User: Admin
Serial Number: S0144	Nozzle Size: 100 µm
Configuration: 4-Laser-V16-B14-R8-YG10	Sheath Pressure: 15 PSI
Software: SpectroFloCS 1.0.5	

QC Beads
Lot ID: 2004 **Expiration Date:** December 31, 2026

Laser	Detector (nm)	Gain	Gain Change	Median (x1000)	% rCV	Status
Blue	FSC	296	-12	2,014.8	2.71	✓
Violet	SSC	218	3	1,988.9	4.89	✓
Blue	SSC-B	282	16	1,997.7	3.72	✓
Violet	V1 (428)	193	5	462.8	2.28	✓
Violet	V2 (443)	235	4	1,091.0	2.31	✓
Violet	V3 (458)	219	5	1,286.3	2.33	✓
Violet	V4 (473)	158	3	1,304.0	2.31	✓
Violet	V5 (508)	185	4	1,234.7	2.37	✓
Violet	V6 (525)	187	5	910.1	2.38	✓
Violet	V7 (542)	239	4	980.4	2.75	✓
Violet	V8 (581)	396	9	816.8	3.26	✓
Violet	V9 (598)	320	6	934.2	3.77	✓
Violet	V10 (615)	340	-2	1,535.5	4.29	✓
Violet	V11 (664)	291	3	725.1	3.88	✓
Violet	V12 (692)	236	-4	361.5	4.14	✓
Violet	V13 (720)	236	4	285.7	4.74	✓
Violet	V14 (750)	367	1	315.7	5.85	✓
Violet	V15 (780)	495	8	300.2	7.17	✓
Violet	V16 (812)	375	10	165.9	8.34	✓
Blue	B1 (508)	709	27	127.4	2.59	✓
Blue	B2 (525)	384	19	122.9	2.31	✓
Blue	B3 (542)	370	15	225.8	2.31	✓
Blue	B4 (581)	348	13	358.1	2.16	✓
Blue	B5 (598)	267	8	518.2	2.70	✓
Blue	B6 (615)	239	8	644.5	3.04	✓
Blue	B7 (661)	511	14	452.0	2.69	✓
Blue	B8 (679)	435	14	346.3	2.62	✓
Blue	B9 (697)	568	19	292.3	2.52	✓
Blue	B10 (717)	455	13	159.4	2.60	✓
Blue	B11 (738)	323	10	122.5	2.93	✓
Blue	B12 (760)	442	9	130.8	3.64	✓
Blue	B13 (783)	538	16	107.2	3.85	✓
Blue	B14 (812)	661	23	130.3	4.61	✓
YellowGreen	YG1 (577)	423	13	476.2	2.48	✓
YellowGreen	YG2 (598)	406	8	1,306.8	3.40	✓
YellowGreen	YG3 (615)	323	10	2,026.1	3.46	✓
YellowGreen	YG4 (661)	641	15	1,156.2	3.30	✓
YellowGreen	YG5 (679)	518	18	840.8	3.01	✓
YellowGreen	YG6 (697)	635	9	546.9	3.18	✓
YellowGreen	YG7 (720)	395	13	572.8	3.75	✓
YellowGreen	YG8 (750)	397	10	329.9	4.64	✓
YellowGreen	YG9 (780)	555	28	263.3	5.53	✓
YellowGreen	YG10 (812)	606	40	154.5	6.24	✓
Red	R1 (661)	346	13	387.3	2.73	✓
Red	R2 (679)	272	7	613.9	2.63	✓
Red	R3 (697)	361	5	507.3	2.46	✓
Red	R4 (717)	379	15	389.1	1.88	✓
Red	R5 (738)	282	8	403.0	2.53	✓
Red	R6 (760)	313	12	374.2	3.33	✓
Red	R7 (783)	422	12	387.6	4.22	✓
Red	R8 (812)	284	7	205.1	5.89	✓

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-33.88	0.85
Blue	0.00	0.97
Violet	31.98	0.94
YellowGreen	64.90	0.87

FSC Area Scaling Factor: 1.00 Window Extension: 3

Temperature: 24.5 °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)