

Daily QC Report

QC Status: PASSED	Date: November 13, 2023 - 13:31 PM
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	341	-8	2,056.5	2.89	✓
Violet	SSC	381	45	2,012.1	4.90	✓
Blue	SSC-B	415	29	2,008.2	6.75	✓
Violet	V1 (428)	248	13	464.1	3.13	✓
Violet	V2 (443)	307	16	1,084.3	3.12	✓
Violet	V3 (458)	290	13	1,224.4	3.12	✓
Violet	V4 (473)	210	11	1,209.9	2.93	✓
Violet	V5 (508)	246	11	1,138.1	2.82	✓
Violet	V6 (525)	242	8	828.2	2.82	✓
Violet	V7 (542)	313	12	951.5	2.78	✓
Violet	V8 (581)	525	10	1,019.1	3.07	✓
Violet	V9 (598)	409	2	1,241.5	3.04	✓
Violet	V10 (615)	428	-3	2,107.9	3.18	✓
Violet	V11 (664)	362	13	1,018.9	3.67	✓
Violet	V12 (692)	299	10	505.7	3.96	✓
Violet	V13 (720)	273	18	498.4	3.42	✓
Violet	V14 (750)	401	41	1,243.1	4.64	✓
Violet	V15 (780)	539	72	1,817.0	5.81	✓
Violet	V16 (812)	418	81	1,375.9	8.25	✓
Blue	B1 (508)	1,005	47	143.5	2.59	✓
Blue	B2 (525)	529	15	131.5	2.54	✓
Blue	B3 (542)	509	11	276.0	2.55	✓
Blue	B4 (581)	480	4	487.1	2.46	✓
Blue	B5 (598)	353	-5	691.4	2.30	✓
Blue	B6 (615)	305	0	877.3	2.36	✓
Blue	B7 (661)	641	5	619.9	2.45	✓
Blue	B8 (679)	547	5	461.7	2.59	✓
Blue	B9 (697)	719	22	395.8	2.53	✓
Blue	B10 (717)	594	37	251.7	2.38	✓
Blue	B11 (738)	406	46	345.1	3.01	✓
Blue	B12 (760)	535	71	579.4	4.01	✓
Blue	B13 (783)	658	110	617.6	4.83	✓
Blue	B14 (812)	815	172	1,009.0	7.11	✓
YellowGreen	YG1 (577)	604	30	592.9	3.92	✓
YellowGreen	YG2 (598)	557	18	1,410.7	3.27	✓
YellowGreen	YG3 (615)	427	14	2,197.1	3.07	✓
YellowGreen	YG4 (661)	800	45	1,222.1	3.15	✓
YellowGreen	YG5 (679)	649	30	874.4	3.19	✓
YellowGreen	YG6 (697)	803	43	575.1	3.41	✓
YellowGreen	YG7 (720)	482	41	693.8	3.19	✓
YellowGreen	YG8 (750)	453	61	822.7	3.61	✓
YellowGreen	YG9 (780)	615	102	1,060.2	4.99	✓
YellowGreen	YG10 (812)	670	140	924.6	7.64	✓
Red	R1 (661)	399	15	383.2	2.87	✓
Red	R2 (679)	339	-5	521.7	3.07	✓
Red	R3 (697)	456	3	412.3	3.09	✓
Red	R4 (717)	446	23	355.1	2.88	✓
Red	R5 (738)	324	31	651.0	4.24	✓
Red	R6 (760)	373	49	936.6	6.56	✓
Red	R7 (783)	514	90	1,277.8	8.09	✓
Red	R8 (812)	360	94	936.1	12.41	✓

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-31.28	0.84
Blue	0.00	0.96
Violet	33.40	0.92
YellowGreen	64.03	0.87

FSC Area Scaling Factor: 0.99 Window Extension: 3

Temperature: 23.8 °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)