

Daily QC Report

QC Status: PASSED	Date: January 04, 2023 - 14:50 PM
Cytometer Name: Aurora CS	User: Admin
Serial Number: S0144	Nozzle Size: 100 µm
Configuration: 4-Laser-V16-B14-R8-YG10	Sheath Pressure: 25 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	333	25	1,981.9	5.35	✓
Violet	SSC	245	30	2,025.7	5.81	✓
Blue	SSC-B	308	42	1,983.0	2.44	✓
Violet	V1 (428)	207	19	464.4	3.10	✓
Violet	V2 (443)	254	23	1,101.4	3.12	✓
Violet	V3 (458)	236	22	1,292.2	3.12	✓
Violet	V4 (473)	169	14	1,292.1	3.18	✓
Violet	V5 (508)	200	19	1,246.0	3.40	✓
Violet	V6 (525)	201	19	902.2	3.41	✓
Violet	V7 (542)	259	24	989.3	3.88	✓
Violet	V8 (581)	426	39	809.5	4.34	✓
Violet	V9 (598)	346	32	954.7	4.73	✓
Violet	V10 (615)	370	28	1,558.7	5.59	✓
Violet	V11 (664)	312	24	723.2	5.04	✓
Violet	V12 (692)	255	15	367.5	4.92	✓
Violet	V13 (720)	250	18	283.4	5.33	✓
Violet	V14 (750)	394	28	317.9	6.89	✓
Violet	V15 (780)	525	38	300.8	8.13	✓
Violet	V16 (812)	393	28	167.4	9.33	✓
Blue	B1 (508)	780	98	127.2	3.04	✓
Blue	B2 (525)	419	54	121.6	2.80	✓
Blue	B3 (542)	399	44	226.8	2.86	✓
Blue	B4 (581)	375	40	355.6	2.33	✓
Blue	B5 (598)	288	29	520.2	2.41	✓
Blue	B6 (615)	255	24	646.1	2.77	✓
Blue	B7 (661)	548	51	449.0	2.41	✓
Blue	B8 (679)	468	47	348.2	2.15	✓
Blue	B9 (697)	608	59	287.5	2.15	✓
Blue	B10 (717)	490	48	159.0	2.55	✓
Blue	B11 (738)	343	30	121.3	3.25	✓
Blue	B12 (760)	474	41	132.4	4.37	✓
Blue	B13 (783)	576	54	108.6	4.90	✓
Blue	B14 (812)	699	61	131.4	5.88	✓
YellowGreen	YG1 (577)	462	52	469.1	2.85	✓
YellowGreen	YG2 (598)	442	44	1,313.2	3.48	✓
YellowGreen	YG3 (615)	351	38	2,068.8	3.67	✓
YellowGreen	YG4 (661)	690	64	1,156.7	3.54	✓
YellowGreen	YG5 (679)	556	56	836.8	3.12	✓
YellowGreen	YG6 (697)	697	71	561.9	3.18	✓
YellowGreen	YG7 (720)	427	45	583.4	3.74	✓
YellowGreen	YG8 (750)	422	35	332.3	4.80	✓
YellowGreen	YG9 (780)	580	53	264.9	5.97	✓
YellowGreen	YG10 (812)	633	67	155.4	6.98	✓
Red	R1 (661)	363	30	391.6	2.38	✓
Red	R2 (679)	284	19	613.0	3.13	✓
Red	R3 (697)	382	26	509.0	2.83	✓
Red	R4 (717)	390	26	384.8	1.54	✓
Red	R5 (738)	292	18	405.5	2.74	✓
Red	R6 (760)	321	20	374.3	3.90	✓
Red	R7 (783)	434	24	392.7	5.19	✓
Red	R8 (812)	292	15	209.4	6.67	✓

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-26.05	0.98
Blue	0.00	1.11
Violet	24.58	1.07
YellowGreen	49.95	1.01

FSC Area Scaling Factor: 1.13 Window Extension: 3

Temperature: 24.6 °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)