

Daily QC Report

QC Status: PASSED	Date: November 14, 2022 - 10:18 AM
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: 2003 Expiration Date: December 31, 2026

Laser	Detector (nm)	Gain	Gain Change	Median (x1000)	% rCV	Status
Blue	FSC	337	39	2,034.0	5.47	✔
Violet	SSC	238	33	2,003.1	5.38	✔
Blue	SSC-B	297	50	1,997.3	2.15	✔
Violet	V1 (428)	199	31	446.5	2.49	✔
Violet	V2 (443)	245	35	1,051.7	2.48	✔
Violet	V3 (458)	226	34	1,248.7	2.47	✔
Violet	V4 (473)	164	23	1,288.2	2.49	✔
Violet	V5 (508)	191	23	1,227.4	2.58	✔
Violet	V6 (525)	194	24	904.1	2.62	✔
Violet	V7 (542)	246	29	979.0	2.90	✔
Violet	V8 (581)	407	51	804.3	3.15	✔
Violet	V9 (598)	337	50	913.5	3.67	✔
Violet	V10 (615)	371	64	1,486.5	4.60	✔
Violet	V11 (664)	316	66	700.3	4.18	✔
Violet	V12 (692)	273	62	415.1	4.64	✔
Violet	V13 (720)	280	72	372.6	5.34	✔
Violet	V14 (750)	421	116	354.5	5.88	✔
Violet	V15 (780)	545	178	314.5	6.47	✔
Violet	V16 (812)	385	137	153.9	6.95	✔
Blue	B1 (508)	735	104	133.4	2.65	✔
Blue	B2 (525)	393	52	135.0	2.57	✔
Blue	B3 (542)	380	40	244.8	2.48	✔
Blue	B4 (581)	360	37	363.3	1.97	✔
Blue	B5 (598)	281	34	509.8	2.34	✔
Blue	B6 (615)	252	32	617.1	2.71	✔
Blue	B7 (661)	549	79	438.5	2.37	✔
Blue	B8 (679)	482	68	350.7	2.42	✔
Blue	B9 (697)	652	106	341.2	2.81	✔
Blue	B10 (717)	529	108	204.3	3.30	✔
Blue	B11 (738)	368	82	144.2	3.44	✔
Blue	B12 (760)	489	116	144.5	4.10	✔
Blue	B13 (783)	583	165	114.0	4.28	✔
Blue	B14 (812)	688	199	126.6	4.72	✔
YellowGreen	YG1 (577)	436	46	460.4	1.63	✔
YellowGreen	YG2 (598)	429	73	1,240.5	3.06	✔
YellowGreen	YG3 (615)	345	72	1,908.0	3.35	✔
YellowGreen	YG4 (661)	686	141	1,110.1	3.14	✔
YellowGreen	YG5 (679)	560	109	841.3	3.17	✔
YellowGreen	YG6 (697)	740	178	649.1	3.65	✔
YellowGreen	YG7 (720)	467	128	744.7	4.16	✔
YellowGreen	YG8 (750)	445	135	392.6	4.69	✔
YellowGreen	YG9 (780)	595	200	302.2	5.33	✔
YellowGreen	YG10 (812)	632	236	163.8	5.66	✔
Red	R1 (661)	391	43	391.3	2.11	✔
Red	R2 (679)	329	28	681.2	2.41	✔
Red	R3 (697)	482	87	778.7	3.03	✔
Red	R4 (717)	490	124	693.6	3.92	✔
Red	R5 (738)	343	91	585.6	4.09	✔
Red	R6 (760)	360	103	493.6	4.59	✔
Red	R7 (783)	472	146	500.0	5.02	✔
Red	R8 (812)	308	107	240.1	5.97	✔

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-26.08	0.99
Blue	0.00	1.11
Violet	24.53	1.07
YellowGreen	49.83	1.01

FSC Area Scaling Factor: 1.13 Window Extension: 3

Temperature: 25.8 °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)