

Daily QC Report

QC Status: PASSED	Date: July 03, 2023 - 14:11 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	314	-35	2,026.6	1.72	✔
Violet	SSC	331	-5	2,014.7	5.17	✔
Blue	SSC-B	363	-23	2,003.0	5.00	✔
Violet	V1 (428)	227	-8	469.2	2.38	✔
Violet	V2 (443)	280	-11	1,076.7	2.39	✔
Violet	V3 (458)	266	-11	1,230.7	2.36	✔
Violet	V4 (473)	190	-9	1,201.1	2.18	✔
Violet	V5 (508)	227	-8	1,127.1	2.06	✔
Violet	V6 (525)	226	-8	827.2	2.04	✔
Violet	V7 (542)	291	-10	952.5	1.97	✔
Violet	V8 (581)	493	-22	1,021.1	2.41	✔
Violet	V9 (598)	389	-18	1,240.4	2.70	✔
Violet	V10 (615)	413	-18	2,130.3	3.03	✔
Violet	V11 (664)	352	3	1,018.6	2.85	✔
Violet	V12 (692)	286	-3	492.7	2.95	✔
Violet	V13 (720)	257	2	495.7	3.04	✔
Violet	V14 (750)	368	8	1,271.2	3.21	✔
Violet	V15 (780)	473	6	1,845.3	4.22	✔
Violet	V16 (812)	336	-1	1,387.6	5.53	✔
Blue	B1 (508)	893	-65	140.3	2.42	✔
Blue	B2 (525)	481	-33	133.6	2.17	✔
Blue	B3 (542)	465	-33	274.6	1.91	✔
Blue	B4 (581)	440	-36	487.1	1.74	✔
Blue	B5 (598)	329	-29	695.2	1.67	✔
Blue	B6 (615)	287	-18	879.9	1.82	✔
Blue	B7 (661)	613	-23	614.9	1.76	✔
Blue	B8 (679)	530	-12	464.7	1.74	✔
Blue	B9 (697)	683	-14	389.1	1.65	✔
Blue	B10 (717)	552	-5	252.0	1.53	✔
Blue	B11 (738)	357	-3	344.0	1.57	✔
Blue	B12 (760)	465	1	588.6	1.55	✔
Blue	B13 (783)	546	-2	620.2	1.84	✔
Blue	B14 (812)	625	-18	991.7	2.89	✔
YellowGreen	YG1 (577)	583	9	595.0	3.19	✔
YellowGreen	YG2 (598)	531	-8	1,421.3	2.86	✔
YellowGreen	YG3 (615)	404	-9	2,189.1	2.63	✔
YellowGreen	YG4 (661)	778	23	1,241.8	2.65	✔
YellowGreen	YG5 (679)	631	12	868.2	2.49	✔
YellowGreen	YG6 (697)	785	25	574.5	2.67	✔
YellowGreen	YG7 (720)	455	14	696.0	2.47	✔
YellowGreen	YG8 (750)	396	4	823.0	1.96	✔
YellowGreen	YG9 (780)	520	7	1,078.5	2.44	✔
YellowGreen	YG10 (812)	527	-3	932.6	3.75	✔
Red	R1 (661)	486	102	388.4	5.26	✔
Red	R2 (679)	407	63	524.2	5.22	✔
Red	R3 (697)	540	87	409.3	5.27	✔
Red	R4 (717)	493	70	351.6	5.06	✔
Red	R5 (738)	321	28	649.8	4.63	✔
Red	R6 (760)	350	26	942.6	5.19	✔
Red	R7 (783)	454	30	1,301.4	5.56	✔
Red	R8 (812)	281	15	931.5	9.25	✔

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-32.73	0.84
Blue	0.00	0.95
Violet	32.20	0.92
YellowGreen	62.88	0.86

FSC Area Scaling Factor: 0.99 Window Extension: 3

Temperature: 24.9 °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)