

Daily QC Report

QC Status: PASSED	Date: January 16, 2023 - 11:40 AM
Cytometer Name: Aurora CS	User: IGF
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	1,981.0	5.31	✓
Violet	SSC	244	29	1,999.4	5.96	✓
Blue	SSC-B	312	46	1,997.5	2.14	✓
Violet	V1 (428)	207	19	462.0	3.51	✓
Violet	V2 (443)	254	23	1,095.9	3.50	✓
Violet	V3 (458)	236	22	1,286.4	3.57	✓
Violet	V4 (473)	168	13	1,292.3	3.67	✓
Violet	V5 (508)	199	18	1,237.8	3.83	✓
Violet	V6 (525)	199	17	897.9	3.87	✓
Violet	V7 (542)	257	22	983.6	4.30	✓
Violet	V8 (581)	428	41	813.9	4.60	✓
Violet	V9 (598)	358	44	933.2	5.02	✓
Violet	V10 (615)	396	54	1,556.5	5.84	✓
Violet	V11 (664)	323	35	717.6	5.48	✓
Violet	V12 (692)	260	20	362.1	5.43	✓
Violet	V13 (720)	259	27	283.7	5.69	✓
Violet	V14 (750)	420	54	315.5	6.76	✓
Violet	V15 (780)	571	84	300.6	7.69	✓
Violet	V16 (812)	432	67	165.2	8.58	✓
Blue	B1 (508)	762	80	127.7	3.08	✓
Blue	B2 (525)	405	40	121.7	2.78	✓
Blue	B3 (542)	388	33	225.8	2.78	✓
Blue	B4 (581)	371	36	353.6	2.33	✓
Blue	B5 (598)	303	44	520.0	2.68	✓
Blue	B6 (615)	272	41	637.8	3.22	✓
Blue	B7 (661)	567	70	447.4	2.80	✓
Blue	B8 (679)	475	54	339.2	2.57	✓
Blue	B9 (697)	614	65	288.3	2.47	✓
Blue	B10 (717)	499	57	160.6	2.75	✓
Blue	B11 (738)	363	50	122.2	3.19	✓
Blue	B12 (760)	509	76	131.5	4.17	✓
Blue	B13 (783)	623	101	107.4	4.50	✓
Blue	B14 (812)	770	132	131.4	5.17	✓
YellowGreen	YG1 (577)	473	63	471.4	2.08	✓
YellowGreen	YG2 (598)	478	80	1,302.3	4.19	✓
YellowGreen	YG3 (615)	379	66	2,016.8	4.68	✓
YellowGreen	YG4 (661)	727	101	1,150.2	4.40	✓
YellowGreen	YG5 (679)	575	75	824.1	3.88	✓
YellowGreen	YG6 (697)	710	84	552.7	3.84	✓
YellowGreen	YG7 (720)	445	63	576.1	4.21	✓
YellowGreen	YG8 (750)	456	69	331.6	5.17	✓
YellowGreen	YG9 (780)	646	119	266.1	6.09	✓
YellowGreen	YG10 (812)	721	155	156.2	6.92	✓
Red	R1 (661)	338	5	389.3	2.09	✓
Red	R2 (679)	264	-1	609.9	1.68	✓
Red	R3 (697)	359	3	512.1	1.66	✓
Red	R4 (717)	378	14	385.7	1.91	✓
Red	R5 (738)	299	25	405.8	2.76	✓
Red	R6 (760)	339	38	375.0	3.50	✓
Red	R7 (783)	472	62	392.2	4.40	✓
Red	R8 (812)	326	49	209.0	5.62	✓

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-26.10	0.98
Blue	0.00	1.11
Violet	24.68	1.08
YellowGreen	50.05	1.01

FSC Area Scaling Factor: 1.13 Window Extension: 3

Temperature: 25.4 °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)