

Daily QC Report

QC Status: PASSED	Date: March 28, 2023 - 11:17 AM
Cytometer Name: Aurora CS	User: Admin
Serial Number: S0144	Nozzle Size: 100 µm
Configuration: 4-Laser-V16-B14-R8-YG10	Sheath Pressure: 15 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	300	-8	2,031.4	2.71	✓
Violet	SSC	223	8	2,015.6	6.10	✓
Blue	SSC-B	286	20	1,993.9	3.70	✓
Violet	V1 (428)	197	9	462.1	3.45	✓
Violet	V2 (443)	241	10	1,099.5	3.48	✓
Violet	V3 (458)	223	9	1,280.6	3.48	✓
Violet	V4 (473)	161	6	1,298.9	3.55	✓
Violet	V5 (508)	190	9	1,241.0	3.69	✓
Violet	V6 (525)	189	7	900.8	3.73	✓
Violet	V7 (542)	245	10	988.6	4.21	✓
Violet	V8 (581)	408	21	817.7	4.80	✓
Violet	V9 (598)	331	17	944.8	5.30	✓
Violet	V10 (615)	361	19	1,564.0	6.09	✓
Violet	V11 (664)	302	14	724.9	5.61	✓
Violet	V12 (692)	248	8	372.9	5.75	✓
Violet	V13 (720)	244	12	285.1	6.41	✓
Violet	V14 (750)	387	21	317.6	7.88	✓
Violet	V15 (780)	525	38	301.7	9.27	✓
Violet	V16 (812)	400	35	167.8	10.59	✓
Blue	B1 (508)	724	42	128.5	2.68	✓
Blue	B2 (525)	386	21	121.7	2.34	✓
Blue	B3 (542)	371	16	226.8	2.33	✓
Blue	B4 (581)	350	15	357.8	2.20	✓
Blue	B5 (598)	275	16	523.4	2.51	✓
Blue	B6 (615)	247	16	652.4	2.89	✓
Blue	B7 (661)	528	31	455.9	2.69	✓
Blue	B8 (679)	442	21	345.0	2.63	✓
Blue	B9 (697)	575	26	287.3	2.53	✓
Blue	B10 (717)	468	26	161.6	2.59	✓
Blue	B11 (738)	331	18	122.7	2.97	✓
Blue	B12 (760)	461	28	132.5	3.75	✓
Blue	B13 (783)	562	40	109.0	4.04	✓
Blue	B14 (812)	696	58	132.4	4.79	✓
YellowGreen	YG1 (577)	432	22	479.4	2.69	✓
YellowGreen	YG2 (598)	428	30	1,330.3	3.55	✓
YellowGreen	YG3 (615)	339	26	2,067.6	3.80	✓
YellowGreen	YG4 (661)	666	40	1,159.0	3.74	✓
YellowGreen	YG5 (679)	530	30	830.9	3.40	✓
YellowGreen	YG6 (697)	663	37	552.2	3.52	✓
YellowGreen	YG7 (720)	410	28	579.5	4.12	✓
YellowGreen	YG8 (750)	414	27	333.0	5.02	✓
YellowGreen	YG9 (780)	581	54	265.9	6.03	✓
YellowGreen	YG10 (812)	644	78	157.2	6.93	✓
Red	R1 (661)	346	13	383.9	2.07	✓
Red	R2 (679)	269	4	604.5	1.95	✓
Red	R3 (697)	364	8	512.7	1.84	✓
Red	R4 (717)	384	20	389.4	1.71	✓
Red	R5 (738)	291	17	405.6	2.62	✓
Red	R6 (760)	327	26	377.3	3.70	✓
Red	R7 (783)	447	37	392.9	4.73	✓
Red	R8 (812)	308	31	210.2	6.64	✓

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-33.78	0.84
Blue	0.00	0.97
Violet	32.08	0.94
YellowGreen	65.10	0.87

FSC Area Scaling Factor: 1.00 Window Extension: 3

Temperature: 25.2 °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)