

Daily QC Report

QC Status: PASSED	Date: February 13, 2023 - 12:01 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	341	33	1,958.0	2.51	✓
Violet	SSC	248	33	2,010.0	4.67	✓
Blue	SSC-B	321	55	1,992.9	2.66	✓
Violet	V1 (428)	213	25	460.1	2.49	✓
Violet	V2 (443)	260	29	1,094.4	2.51	✓
Violet	V3 (458)	241	27	1,271.3	2.53	✓
Violet	V4 (473)	173	18	1,284.5	2.56	✓
Violet	V5 (508)	204	23	1,233.4	2.66	✓
Violet	V6 (525)	204	22	897.2	2.69	✓
Violet	V7 (542)	262	27	975.0	3.02	✓
Violet	V8 (581)	437	50	806.6	3.37	✓
Violet	V9 (598)	368	54	946.1	4.20	✓
Violet	V10 (615)	406	64	1,582.5	5.20	✓
Violet	V11 (664)	335	47	740.4	4.48	✓
Violet	V12 (692)	271	31	365.6	4.21	✓
Violet	V13 (720)	270	38	290.1	4.48	✓
Violet	V14 (750)	442	76	322.5	5.65	✓
Violet	V15 (780)	599	112	306.5	6.45	✓
Violet	V16 (812)	462	97	171.8	7.38	✓
Blue	B1 (508)	778	96	127.4	2.82	✓
Blue	B2 (525)	415	50	120.6	2.51	✓
Blue	B3 (542)	395	40	226.6	2.54	✓
Blue	B4 (581)	379	44	355.0	2.18	✓
Blue	B5 (598)	306	47	519.9	2.35	✓
Blue	B6 (615)	279	48	649.3	2.74	✓
Blue	B7 (661)	589	92	451.5	2.42	✓
Blue	B8 (679)	496	75	346.3	2.38	✓
Blue	B9 (697)	645	96	290.9	2.33	✓
Blue	B10 (717)	517	75	161.5	2.42	✓
Blue	B11 (738)	378	65	124.6	2.69	✓
Blue	B12 (760)	537	104	135.0	3.26	✓
Blue	B13 (783)	659	137	110.0	3.52	✓
Blue	B14 (812)	813	175	134.1	3.87	✓
YellowGreen	YG1 (577)	475	65	476.2	1.70	✓
YellowGreen	YG2 (598)	489	91	1,330.4	3.79	✓
YellowGreen	YG3 (615)	394	81	2,097.6	4.21	✓
YellowGreen	YG4 (661)	760	134	1,185.0	3.74	✓
YellowGreen	YG5 (679)	607	107	859.5	3.24	✓
YellowGreen	YG6 (697)	750	124	563.6	3.12	✓
YellowGreen	YG7 (720)	465	83	591.9	3.41	✓
YellowGreen	YG8 (750)	474	87	337.1	4.22	✓
YellowGreen	YG9 (780)	673	146	271.9	4.93	✓
YellowGreen	YG10 (812)	755	189	160.5	5.75	✓
Red	R1 (661)	356	23	391.2	1.84	✓
Red	R2 (679)	277	12	613.2	1.57	✓
Red	R3 (697)	375	19	512.9	1.54	✓
Red	R4 (717)	396	32	387.0	1.65	✓
Red	R5 (738)	314	40	410.3	2.30	✓
Red	R6 (760)	357	56	385.6	2.84	✓
Red	R7 (783)	499	89	398.2	3.49	✓
Red	R8 (812)	344	67	214.3	4.55	✓

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-26.00	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: 25.5 °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)