

Daily QC Report

QC Status: PASSED	Date: April 12, 2023 - 10:16 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: 2005	Expiration Date: December 31, 2026

Laser	Detector (nm)	Gain	Gain Change	Median (x1000)	% rCV	Status
Blue	FSC	293	-38	2,040.8	1.33	✓
Violet	SSC	306	-46	1,977.9	4.16	✓
Blue	SSC-B	328	-54	2,000.8	6.40	✓
Violet	V1 (428)	194	-18	463.6	3.00	✓
Violet	V2 (443)	241	-21	1,074.0	2.98	✓
Violet	V3 (458)	229	-19	1,247.1	3.11	✓
Violet	V4 (473)	162	-17	1,199.9	3.24	✓
Violet	V5 (508)	191	-22	1,140.6	3.33	✓
Violet	V6 (525)	191	-24	844.8	3.47	✓
Violet	V7 (542)	237	-34	957.1	4.17	✓
Violet	V8 (581)	383	-68	1,022.7	5.12	✓
Violet	V9 (598)	313	-42	1,215.6	4.30	✓
Violet	V10 (615)	341	-37	2,094.6	4.58	✓
Violet	V11 (664)	264	-55	1,023.8	4.75	✓
Violet	V12 (692)	215	-53	508.5	5.43	✓
Violet	V13 (720)	223	-18	494.1	5.34	✓
Violet	V14 (750)	417	70	1,204.5	8.05	✓
Violet	V15 (780)	626	176	1,715.1	10.18	✓
Violet	V16 (812)	567	239	1,273.7	11.62	✓
Blue	B1 (508)	739	-136	143.0	2.05	✓
Blue	B2 (525)	382	-79	133.8	1.88	✓
Blue	B3 (542)	353	-92	279.8	1.88	✓
Blue	B4 (581)	328	-88	495.1	1.94	✓
Blue	B5 (598)	252	-54	698.3	2.24	✓
Blue	B6 (615)	224	-42	872.9	2.84	✓
Blue	B7 (661)	444	-139	617.5	2.61	✓
Blue	B8 (679)	366	-126	462.5	2.45	✓
Blue	B9 (697)	479	-169	393.7	2.37	✓
Blue	B10 (717)	422	-97	251.5	2.46	✓
Blue	B11 (738)	340	3	335.0	4.28	✓
Blue	B12 (760)	501	63	564.6	5.54	✓
Blue	B13 (783)	667	156	593.9	6.34	✓
Blue	B14 (812)	956	365	965.6	7.36	✓
YellowGreen	YG1 (577)	384	-97	598.3	2.34	✓
YellowGreen	YG2 (598)	383	-56	1,386.1	2.05	✓
YellowGreen	YG3 (615)	307	-38	2,136.5	2.27	✓
YellowGreen	YG4 (661)	569	-108	1,254.1	2.01	✓
YellowGreen	YG5 (679)	444	-106	871.5	1.74	✓
YellowGreen	YG6 (697)	546	-128	579.0	2.03	✓
YellowGreen	YG7 (720)	350	-48	686.6	2.55	✓
YellowGreen	YG8 (750)	414	51	791.0	4.67	✓
YellowGreen	YG9 (780)	653	175	1,012.7	6.25	✓
YellowGreen	YG10 (812)	864	357	889.7	7.61	✓
Red	R1 (661)	266	-149	384.3	2.92	✓
Red	R2 (679)	217	-137	536.7	2.85	✓
Red	R3 (697)	290	-183	417.4	2.77	✓
Red	R4 (717)	311	-118	356.2	2.27	✓
Red	R5 (738)	278	-5	644.7	2.51	✓
Red	R6 (760)	361	51	928.6	4.18	✓
Red	R7 (783)	542	137	1,250.9	5.45	✓
Red	R8 (812)	421	168	902.1	7.34	✓

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-33.65	0.86
Blue	0.00	0.97
Violet	31.90	0.94
YellowGreen	64.73	0.88

FSC Area Scaling Factor: 1.00 Window Extension: 3

Temperature: 25 °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)