

Daily QC Report

QC Status: FAILED	Date: May 03, 2023 - 09:19 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	289	-42	2,085.9	1.50	✓
Violet	SSC	305	-47	1,974.9	7.16	✓
Blue	SSC-B	315	-67	2,006.2	6.08	✓
Violet	V1 (428)	198	-14	457.2	11.10	✓
Violet	V2 (443)	248	-14	1,062.2	10.91	✓
Violet	V3 (458)	232	-16	1,206.0	11.12	✗
Violet	V4 (473)	166	-13	1,168.6	11.74	✓
Violet	V5 (508)	195	-18	1,110.3	12.22	✓
Violet	V6 (525)	195	-20	813.5	12.53	✓
Violet	V7 (542)	248	-23	942.6	13.41	✓
Violet	V8 (581)	411	-40	1,016.3	14.02	✓
Violet	V9 (598)	338	-17	1,215.6	13.19	✓
Violet	V10 (615)	358	-20	2,067.8	12.28	✓
Violet	V11 (664)	275	-44	1,007.2	13.36	✓
Violet	V12 (692)	226	-42	500.7	14.20	✓
Violet	V13 (720)	225	-16	486.6	13.14	✓
Violet	V14 (750)	388	41	1,176.5	14.95	✓
Violet	V15 (780)	569	119	1,671.8	17.55	✓
Violet	V16 (812)	499	171	1,254.3	19.28	✓
Blue	B1 (508)	734	-141	143.0	2.70	✓
Blue	B2 (525)	384	-77	134.7	2.54	✓
Blue	B3 (542)	358	-87	277.9	2.72	✓
Blue	B4 (581)	339	-77	496.0	2.67	✓
Blue	B5 (598)	262	-44	695.3	2.43	✓
Blue	B6 (615)	228	-38	875.3	2.99	✓
Blue	B7 (661)	449	-134	627.9	2.57	✓
Blue	B8 (679)	374	-118	471.4	2.52	✓
Blue	B9 (697)	483	-165	393.5	2.56	✓
Blue	B10 (717)	417	-102	252.9	2.82	✓
Blue	B11 (738)	313	-24	339.5	6.06	✓
Blue	B12 (760)	444	6	565.4	7.91	✓
Blue	B13 (783)	575	64	594.0	9.28	✓
Blue	B14 (812)	780	189	924.3	11.54	✓
YellowGreen	YG1 (577)	401	-80	596.4	2.82	✓
YellowGreen	YG2 (598)	398	-41	1,393.2	2.20	✓
YellowGreen	YG3 (615)	311	-34	2,161.4	2.26	✓
YellowGreen	YG4 (661)	560	-117	1,253.4	2.36	✓
YellowGreen	YG5 (679)	449	-101	887.1	2.39	✓
YellowGreen	YG6 (697)	539	-135	585.8	2.82	✓
YellowGreen	YG7 (720)	340	-58	688.6	3.23	✓
YellowGreen	YG8 (750)	371	8	791.9	5.66	✓
YellowGreen	YG9 (780)	558	80	999.3	7.54	✓
YellowGreen	YG10 (812)	705	198	851.9	9.66	✓
Red	R1 (661)	264	-151	391.5	3.84	✓
Red	R2 (679)	224	-130	538.3	4.05	✓
Red	R3 (697)	303	-170	429.6	3.97	✓
Red	R4 (717)	312	-117	359.6	3.54	✓
Red	R5 (738)	261	-22	646.1	3.91	✓
Red	R6 (760)	323	13	902.1	6.36	✓
Red	R7 (783)	476	71	1,235.7	7.93	✓
Red	R8 (812)	356	103	873.3	10.86	✓

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-33.60	0.85
Blue	0.00	0.98
Violet	31.80	0.94
YellowGreen	64.70	0.88

FSC Area Scaling Factor: 1.01 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)