

Daily QC Report

QC Status: PASSED	Date: January 30, 2023 - 10:59 AM
Cytometer Name: Aurora CS	User: IGMM
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	306	-2	2,050.3	2.70	✔
Violet	SSC	215	0	1,978.5	5.24	✔
Blue	SSC-B	275	9	2,000.1	3.44	✔
Violet	V1 (428)	189	1	459.9	2.22	✔
Violet	V2 (443)	232	1	1,085.5	2.32	✔
Violet	V3 (458)	217	3	1,297.1	2.26	✔
Violet	V4 (473)	156	1	1,305.4	2.22	✔
Violet	V5 (508)	184	3	1,240.3	2.30	✔
Violet	V6 (525)	185	3	905.7	2.40	✔
Violet	V7 (542)	237	2	982.6	2.60	✔
Violet	V8 (581)	396	9	825.1	2.95	✔
Violet	V9 (598)	319	5	940.5	3.70	✔
Violet	V10 (615)	341	-1	1,544.5	4.51	✔
Violet	V11 (664)	289	1	724.7	3.87	✔
Violet	V12 (692)	238	-2	368.5	3.74	✔
Violet	V13 (720)	233	1	285.2	4.40	✔
Violet	V14 (750)	361	-5	316.1	6.00	✔
Violet	V15 (780)	476	-11	299.5	7.46	✔
Violet	V16 (812)	354	-11	165.9	8.58	✔
Blue	B1 (508)	694	12	128.9	3.07	✔
Blue	B2 (525)	375	10	123.6	2.85	✔
Blue	B3 (542)	357	2	223.3	2.98	✔
Blue	B4 (581)	342	7	360.1	2.65	✔
Blue	B5 (598)	265	6	525.1	2.62	✔
Blue	B6 (615)	236	5	644.2	2.83	✔
Blue	B7 (661)	502	5	447.5	2.62	✔
Blue	B8 (679)	434	13	341.9	2.59	✔
Blue	B9 (697)	562	13	288.1	2.56	✔
Blue	B10 (717)	448	6	158.6	2.63	✔
Blue	B11 (738)	318	5	122.6	2.80	✔
Blue	B12 (760)	433	0	130.8	3.40	✔
Blue	B13 (783)	522	0	106.5	3.70	✔
Blue	B14 (812)	633	-5	129.8	4.36	✔
YellowGreen	YG1 (577)	423	13	477.5	1.83	✔
YellowGreen	YG2 (598)	403	5	1,312.5	3.01	✔
YellowGreen	YG3 (615)	317	4	2,020.7	3.17	✔
YellowGreen	YG4 (661)	623	-3	1,156.5	2.96	✔
YellowGreen	YG5 (679)	502	2	829.1	2.57	✔
YellowGreen	YG6 (697)	621	-5	546.9	2.60	✔
YellowGreen	YG7 (720)	381	-1	570.6	3.04	✔
YellowGreen	YG8 (750)	378	-9	327.7	4.00	✔
YellowGreen	YG9 (780)	519	-8	263.6	5.03	✔
YellowGreen	YG10 (812)	562	-4	154.3	6.03	✔
Red	R1 (661)	340	7	388.6	2.29	✔
Red	R2 (679)	270	5	615.1	2.83	✔
Red	R3 (697)	360	4	510.4	2.64	✔
Red	R4 (717)	370	6	389.0	1.48	✔
Red	R5 (738)	274	0	401.5	2.17	✔
Red	R6 (760)	301	0	372.1	3.15	✔
Red	R7 (783)	402	-8	384.4	4.19	✔
Red	R8 (812)	268	-9	203.3	5.86	✔

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-33.38	0.85
Blue	0.00	0.97
Violet	31.65	0.94
YellowGreen	64.18	0.88

FSC Area Scaling Factor: 1.00 Window Extension: 3

Temperature: 25.8 °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)