

Daily QC Report

QC Status: PASSED	Date: August 14, 2023 - 11:08 AM
Cytometer Name: Aurora	User: Admin
Serial Number: S0144	Nozzle Size: 70 µm
Configuration: 4-Laser-V16-B14-R8-YG10	Sheath Pressure: 68 PSI
Software: SpectroFloCS 1.0.7.1	

QC Beads
 Lot ID: 2005 Expiration Date: December 31, 2026

Laser	Detector (nm)	Gain	Gain Change	Median (x1000)	% rCV	Status
Blue	FSC	331	-18	1,985.5	1.55	✔
Violet	SSC	361	25	1,997.2	4.91	✔
Blue	SSC-B	392	6	2,000.7	5.94	✔
Violet	V1 (428)	241	6	467.9	2.13	✔
Violet	V2 (443)	294	3	1,076.8	2.15	✔
Violet	V3 (458)	280	3	1,231.4	2.17	✔
Violet	V4 (473)	200	1	1,191.4	1.96	✔
Violet	V5 (508)	238	3	1,134.2	1.84	✔
Violet	V6 (525)	236	2	827.8	1.78	✔
Violet	V7 (542)	304	3	949.8	1.60	✔
Violet	V8 (581)	510	-5	1,021.0	1.64	✔
Violet	V9 (598)	395	-12	1,240.6	1.79	✔
Violet	V10 (615)	415	-16	2,123.2	2.01	✔
Violet	V11 (664)	355	6	1,013.4	1.94	✔
Violet	V12 (692)	300	11	506.9	2.09	✔
Violet	V13 (720)	268	13	503.3	2.18	✔
Violet	V14 (750)	374	14	1,244.6	3.05	✔
Violet	V15 (780)	480	13	1,805.2	4.14	✔
Violet	V16 (812)	348	11	1,357.5	5.59	✔
Blue	B1 (508)	979	21	144.9	1.77	✔
Blue	B2 (525)	518	4	133.4	1.47	✔
Blue	B3 (542)	507	9	278.6	1.25	✔
Blue	B4 (581)	468	-8	486.2	1.20	✔
Blue	B5 (598)	342	-16	695.1	1.71	✔
Blue	B6 (615)	296	-9	878.7	2.26	✔
Blue	B7 (661)	650	14	622.7	2.12	✔
Blue	B8 (679)	558	16	468.2	2.15	✔
Blue	B9 (697)	727	30	395.0	1.80	✔
Blue	B10 (717)	588	31	257.3	1.76	✔
Blue	B11 (738)	380	20	345.1	2.32	✔
Blue	B12 (760)	494	30	582.9	2.77	✔
Blue	B13 (783)	584	36	619.7	2.95	✔
Blue	B14 (812)	682	39	997.9	3.94	✔
YellowGreen	YG1 (577)	586	12	604.2	3.27	✔
YellowGreen	YG2 (598)	527	-12	1,410.2	2.85	✔
YellowGreen	YG3 (615)	407	-6	2,198.7	2.52	✔
YellowGreen	YG4 (661)	788	33	1,259.7	2.55	✔
YellowGreen	YG5 (679)	647	28	894.5	2.38	✔
YellowGreen	YG6 (697)	808	48	578.9	2.56	✔
YellowGreen	YG7 (720)	470	29	696.1	2.37	✔
YellowGreen	YG8 (750)	416	24	821.9	1.84	✔
YellowGreen	YG9 (780)	543	30	1,053.2	2.45	✔
YellowGreen	YG10 (812)	563	33	918.3	4.07	✔
Red	R1 (661)	461	77	387.1	2.80	✔
Red	R2 (679)	390	46	531.2	2.80	✔
Red	R3 (697)	523	70	425.6	2.82	✔
Red	R4 (717)	474	51	357.2	2.82	✔
Red	R5 (738)	314	21	652.6	2.91	✔
Red	R6 (760)	348	24	945.7	3.67	✔
Red	R7 (783)	456	32	1,290.7	4.17	✔
Red	R8 (812)	291	25	932.5	7.65	✔

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-29.00	0.92
Blue	0.00	1.04
Violet	28.73	0.99
YellowGreen	55.68	0.94

FSC Area Scaling Factor: 1.06 Window Extension: 3

Temperature: 23.8 °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)