

Daily QC Report

QC Status: PASSED	Date: June 12, 2023 - 14:17 PM
Cytometer Name: Aurora	User: Admin
Serial Number: S0144	Nozzle Size: 100 µm
Configuration: 4-Laser-V16-B14-R8-YG10	Sheath Pressure: 15 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	315	-34	2,015.4	1.53	✔
Violet	SSC	322	-14	1,973.8	5.50	✔
Blue	SSC-B	361	-25	1,991.4	4.65	✔
Violet	V1 (428)	226	-9	465.4	2.47	✔
Violet	V2 (443)	276	-15	1,068.1	2.46	✔
Violet	V3 (458)	262	-15	1,210.2	2.44	✔
Violet	V4 (473)	188	-11	1,198.4	2.28	✔
Violet	V5 (508)	223	-12	1,119.0	2.15	✔
Violet	V6 (525)	222	-12	821.1	2.12	✔
Violet	V7 (542)	284	-17	951.4	2.01	✔
Violet	V8 (581)	485	-30	1,032.2	2.24	✔
Violet	V9 (598)	381	-26	1,224.3	2.29	✔
Violet	V10 (615)	405	-26	2,103.3	2.42	✔
Violet	V11 (664)	329	-20	1,005.5	2.66	✔
Violet	V12 (692)	274	-15	506.6	2.89	✔
Violet	V13 (720)	249	-6	498.0	2.38	✔
Violet	V14 (750)	363	3	1,249.9	3.52	✔
Violet	V15 (780)	479	12	1,811.6	4.70	✔
Violet	V16 (812)	367	30	1,371.4	7.06	✔
Blue	B1 (508)	891	-67	142.6	2.50	✔
Blue	B2 (525)	473	-41	132.7	2.31	✔
Blue	B3 (542)	458	-40	279.7	2.29	✔
Blue	B4 (581)	431	-45	487.7	2.18	✔
Blue	B5 (598)	326	-32	691.0	2.12	✔
Blue	B6 (615)	283	-22	879.0	2.21	✔
Blue	B7 (661)	585	-51	625.0	2.49	✔
Blue	B8 (679)	494	-48	462.0	2.61	✔
Blue	B9 (697)	638	-59	391.2	2.49	✔
Blue	B10 (717)	524	-33	250.1	2.08	✔
Blue	B11 (738)	354	-6	342.1	2.04	✔
Blue	B12 (760)	464	0	581.6	2.30	✔
Blue	B13 (783)	557	9	618.6	2.79	✔
Blue	B14 (812)	698	55	1,007.0	4.76	✔
YellowGreen	YG1 (577)	567	-7	600.1	3.47	✔
YellowGreen	YG2 (598)	526	-13	1,396.0	2.95	✔
YellowGreen	YG3 (615)	405	-8	2,201.7	2.73	✔
YellowGreen	YG4 (661)	745	-10	1,240.6	2.64	✔
YellowGreen	YG5 (679)	603	-16	882.6	2.61	✔
YellowGreen	YG6 (697)	738	-22	573.7	2.75	✔
YellowGreen	YG7 (720)	437	-4	697.5	2.39	✔
YellowGreen	YG8 (750)	397	5	821.4	2.62	✔
YellowGreen	YG9 (780)	533	20	1,064.4	3.40	✔
YellowGreen	YG10 (812)	581	51	925.5	5.63	✔
Red	R1 (661)	389	5	383.9	4.94	✔
Red	R2 (679)	338	-6	523.0	5.00	✔
Red	R3 (697)	441	-12	413.4	5.03	✔
Red	R4 (717)	432	9	357.3	4.29	✔
Red	R5 (738)	308	15	656.4	3.88	✔
Red	R6 (760)	344	20	932.9	5.02	✔
Red	R7 (783)	464	40	1,291.5	5.81	✔
Red	R8 (812)	311	45	932.0	10.14	✔

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-32.80	0.84
Blue	0.00	0.95
Violet	32.22	0.92
YellowGreen	63.00	0.87

FSC Area Scaling Factor: 0.98 Window Extension: 3

Temperature: 24.8 °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)