

Daily QC Report

QC Status: FAILED	Date: May 15, 2023 - 15:38 PM
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	277	-54	2,015.5	4.86	✓
Violet	SSC	305	-47	1,965.8	7.78	✓
Blue	SSC-B	314	-68	1,981.0	3.54	✓
Violet	V1 (428)	200	-12	460.3	11.87	✓
Violet	V2 (443)	248	-14	1,060.5	11.58	✓
Violet	V3 (458)	237	-11	1,218.1	11.69	✗
Violet	V4 (473)	171	-8	1,182.9	12.12	✓
Violet	V5 (508)	205	-8	1,126.3	12.48	✓
Violet	V6 (525)	205	-10	823.4	12.71	✓
Violet	V7 (542)	262	-9	947.7	13.26	✓
Violet	V8 (581)	447	-4	1,008.9	13.68	✓
Violet	V9 (598)	361	6	1,217.1	13.58	✓
Violet	V10 (615)	380	2	2,078.6	13.42	✓
Violet	V11 (664)	316	-3	996.5	13.76	✓
Violet	V12 (692)	264	-4	500.9	14.31	✓
Violet	V13 (720)	236	-5	493.6	15.27	✓
Violet	V14 (750)	332	-15	1,228.5	15.47	✓
Violet	V15 (780)	432	-18	1,786.7	16.73	✓
Violet	V16 (812)	314	-14	1,350.4	18.01	✓
Blue	B1 (508)	785	-90	145.2	3.67	✓
Blue	B2 (525)	418	-43	134.3	3.61	✓
Blue	B3 (542)	403	-42	280.5	3.58	✓
Blue	B4 (581)	380	-36	490.8	3.17	✓
Blue	B5 (598)	286	-20	698.3	2.52	✓
Blue	B6 (615)	245	-21	876.8	2.24	✓
Blue	B7 (661)	514	-69	621.9	2.22	✓
Blue	B8 (679)	442	-50	466.3	2.22	✓
Blue	B9 (697)	574	-74	390.4	2.49	✓
Blue	B10 (717)	464	-55	254.3	2.62	✓
Blue	B11 (738)	291	-46	342.6	2.66	✓
Blue	B12 (760)	378	-60	584.4	3.16	✓
Blue	B13 (783)	445	-66	618.9	3.77	✓
Blue	B14 (812)	516	-75	1,008.8	5.51	✓
YellowGreen	YG1 (577)	447	-34	597.6	2.95	✓
YellowGreen	YG2 (598)	411	-28	1,393.8	2.43	✓
YellowGreen	YG3 (615)	320	-25	2,180.9	2.32	✓
YellowGreen	YG4 (661)	612	-65	1,261.0	2.79	✓
YellowGreen	YG5 (679)	498	-52	887.5	2.91	✓
YellowGreen	YG6 (697)	614	-60	592.7	3.36	✓
YellowGreen	YG7 (720)	357	-41	694.2	3.46	✓
YellowGreen	YG8 (750)	320	-43	817.6	2.76	✓
YellowGreen	YG9 (780)	420	-58	1,053.0	3.09	✓
YellowGreen	YG10 (812)	443	-64	932.5	3.52	✓
Red	R1 (661)	354	-61	381.6	2.95	✓
Red	R2 (679)	316	-38	526.3	2.75	✓
Red	R3 (697)	418	-55	412.6	2.80	✓
Red	R4 (717)	383	-46	353.3	2.80	✓
Red	R5 (738)	253	-30	654.5	2.90	✓
Red	R6 (760)	278	-32	938.7	3.67	✓
Red	R7 (783)	363	-42	1,297.2	4.16	✓
Red	R8 (812)	228	-25	928.0	6.50	✓

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-33.68	0.86
Blue	0.00	0.98
Violet	31.93	0.94
YellowGreen	64.88	0.88

FSC Area Scaling Factor: 1.01 Window Extension: 3

Temperature: 24.1 °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)