

Daily QC Report

QC Status: PASSED	Date: September 26, 2022 - 10:47 AM
Cytometer Name: Aurora CS	User: Talman
Serial Number: S0144	Nozzle Size: 100 µm
Configuration: 4-Laser-V16-B14-R8-YG10	Sheath Pressure: 25 PSI
Software: SpectroFloCS 1.0.5	
QC Beads	
Lot ID: 2003	Expiration Date: December 31, 2026

Laser	Detector (nm)	Gain	Gain Change	Median (x1000)	% rCV	Status
Blue	FSC	345	47	2,020.5	4.49	✓
Violet	SSC	234	29	2,003.3	5.12	✓
Blue	SSC-B	287	40	1,983.5	2.35	✓
Violet	V1 (428)	191	23	442.8	1.32	✓
Violet	V2 (443)	235	25	1,053.7	1.35	✓
Violet	V3 (458)	216	24	1,233.3	1.27	✓
Violet	V4 (473)	158	17	1,290.5	1.19	✓
Violet	V5 (508)	185	17	1,235.0	1.22	✓
Violet	V6 (525)	186	16	901.0	1.23	✓
Violet	V7 (542)	238	21	993.0	1.24	✓
Violet	V8 (581)	394	38	806.4	1.27	✓
Violet	V9 (598)	328	41	903.8	1.50	✓
Violet	V10 (615)	360	53	1,464.5	1.82	✓
Violet	V11 (664)	299	49	699.3	1.72	✓
Violet	V12 (692)	252	41	412.4	1.96	✓
Violet	V13 (720)	264	56	372.8	2.27	✓
Violet	V14 (750)	387	82	351.8	2.57	✓
Violet	V15 (780)	486	119	308.4	3.01	✓
Violet	V16 (812)	345	97	152.7	3.30	✓
Blue	B1 (508)	729	98	136.3	3.40	✓
Blue	B2 (525)	382	41	134.9	3.26	✓
Blue	B3 (542)	368	28	244.0	3.09	✓
Blue	B4 (581)	352	29	360.5	2.64	✓
Blue	B5 (598)	283	36	506.0	2.18	✓
Blue	B6 (615)	257	37	615.9	2.06	✓
Blue	B7 (661)	544	74	440.9	1.99	✓
Blue	B8 (679)	473	59	347.5	1.99	✓
Blue	B9 (697)	652	106	344.1	2.17	✓
Blue	B10 (717)	527	106	206.5	2.43	✓
Blue	B11 (738)	362	76	143.9	2.51	✓
Blue	B12 (760)	477	104	144.2	2.88	✓
Blue	B13 (783)	562	144	114.1	3.11	✓
Blue	B14 (812)	654	165	125.5	3.26	✓
YellowGreen	YG1 (577)	430	40	457.4	1.71	✓
YellowGreen	YG2 (598)	434	78	1,234.7	2.15	✓
YellowGreen	YG3 (615)	346	73	1,908.7	2.19	✓
YellowGreen	YG4 (661)	671	126	1,103.6	2.15	✓
YellowGreen	YG5 (679)	553	102	842.9	2.17	✓
YellowGreen	YG6 (697)	723	161	646.5	2.38	✓
YellowGreen	YG7 (720)	452	113	736.6	2.62	✓
YellowGreen	YG8 (750)	430	120	387.9	2.84	✓
YellowGreen	YG9 (780)	565	170	295.9	3.20	✓
YellowGreen	YG10 (812)	591	195	161.2	3.65	✓
Red	R1 (661)	354	6	388.0	1.99	✓
Red	R2 (679)	310	9	681.0	2.30	✓
Red	R3 (697)	456	61	762.4	2.49	✓
Red	R4 (717)	468	102	687.3	2.77	✓
Red	R5 (738)	328	76	580.9	2.80	✓
Red	R6 (760)	347	90	492.6	3.02	✓
Red	R7 (783)	451	125	495.8	3.17	✓
Red	R8 (812)	289	88	239.8	3.41	✓

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-25.93	1.00
Blue	0.00	1.12
Violet	24.35	1.09
YellowGreen	49.40	1.02

FSC Area Scaling Factor: 1.14 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)