

Daily QC Report

QC Status: PASSED	Date: November 27, 2023 - 10:01 AM
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	354	5	2,060.6	1.50	✓
Violet	SSC	397	61	1,991.4	5.14	✓
Blue	SSC-B	437	51	1,998.3	5.70	✓
Violet	V1 (428)	254	19	462.6	3.36	✓
Violet	V2 (443)	315	24	1,070.1	3.40	✓
Violet	V3 (458)	299	22	1,222.3	3.38	✓
Violet	V4 (473)	217	18	1,197.2	3.03	✓
Violet	V5 (508)	254	19	1,125.0	2.78	✓
Violet	V6 (525)	251	17	824.5	2.69	✓
Violet	V7 (542)	328	27	949.4	2.36	✓
Violet	V8 (581)	552	37	1,023.4	1.93	✓
Violet	V9 (598)	434	27	1,232.6	2.02	✓
Violet	V10 (615)	460	29	2,150.0	2.25	✓
Violet	V11 (664)	388	39	1,012.0	2.48	✓
Violet	V12 (692)	326	37	510.0	2.73	✓
Violet	V13 (720)	286	31	496.4	3.03	✓
Violet	V14 (750)	398	38	1,245.3	3.41	✓
Violet	V15 (780)	513	46	1,811.5	4.19	✓
Violet	V16 (812)	368	31	1,371.1	5.65	✓
Blue	B1 (508)	1,067	109	141.5	2.33	✓
Blue	B2 (525)	571	57	134.6	2.13	✓
Blue	B3 (542)	559	61	278.2	2.05	✓
Blue	B4 (581)	521	45	487.3	2.18	✓
Blue	B5 (598)	384	26	696.3	2.63	✓
Blue	B6 (615)	334	29	886.4	2.93	✓
Blue	B7 (661)	724	88	624.0	2.73	✓
Blue	B8 (679)	615	73	466.2	2.68	✓
Blue	B9 (697)	807	110	395.9	2.62	✓
Blue	B10 (717)	645	88	251.2	2.60	✓
Blue	B11 (738)	411	51	344.4	2.61	✓
Blue	B12 (760)	533	69	584.2	2.91	✓
Blue	B13 (783)	631	83	619.3	2.94	✓
Blue	B14 (812)	732	89	1,011.2	3.57	✓
YellowGreen	YG1 (577)	664	90	600.8	4.08	✓
YellowGreen	YG2 (598)	604	65	1,417.5	3.60	✓
YellowGreen	YG3 (615)	461	48	2,175.1	3.24	✓
YellowGreen	YG4 (661)	898	143	1,249.4	3.50	✓
YellowGreen	YG5 (679)	728	109	896.4	3.39	✓
YellowGreen	YG6 (697)	898	138	572.8	3.59	✓
YellowGreen	YG7 (720)	514	73	694.2	3.39	✓
YellowGreen	YG8 (750)	445	53	819.3	2.27	✓
YellowGreen	YG9 (780)	581	68	1,061.7	2.47	✓
YellowGreen	YG10 (812)	588	58	924.8	4.13	✓
Red	R1 (661)	466	82	380.0	2.15	✓
Red	R2 (679)	400	56	515.6	2.06	✓
Red	R3 (697)	537	84	410.9	2.29	✓
Red	R4 (717)	497	74	357.5	2.49	✓
Red	R5 (738)	326	33	650.5	2.95	✓
Red	R6 (760)	358	34	937.6	3.98	✓
Red	R7 (783)	473	49	1,290.2	4.71	✓
Red	R8 (812)	308	42	940.0	9.00	✓

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-31.25	0.84
Blue	0.00	0.94
Violet	33.30	0.91
YellowGreen	63.95	0.86

FSC Area Scaling Factor: 0.97 Window Extension: 3

Temperature: 25.9 °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)