

Daily QC Report

QC Status: PASSED **Date:** December 18, 2023 - 17:13 PM
Cytometer Name: Aurora **User:** Admin
Serial Number: S0144 **Nozzle Size:** 100 µm
Configuration: 4-Laser-V16-B14-R8-YG10 **Nozzle Serial Number:** K51168
Software: SpectroFloCS 1.2.1 **Sheath Pressure:** 15 PSI

QC Beads

Lot ID: 2005 **Expiration Date:** December 31, 2026

Laser	Detector (nm)	Gain	Gain Change	Median (x1000)	% rCV	Status
Blue	FSC	508	159	1,965.7	3.06	✓
Violet	SSC	498	162	2,010.2	4.79	✓
Blue	SSC-B	633	247	1,986.7	4.91	✓
Violet	V1 (428)	314	79	470.2	3.65	✓
Violet	V2 (443)	382	91	1,065.0	3.69	✓
Violet	V3 (458)	367	90	1,221.0	3.69	✓
Violet	V4 (473)	262	63	1,190.4	3.29	✓
Violet	V5 (508)	313	78	1,135.3	3.02	✓
Violet	V6 (525)	307	73	823.8	2.93	✓
Violet	V7 (542)	399	98	956.2	2.51	✓
Violet	V8 (581)	675	160	1,022.7	2.05	✓
Violet	V9 (598)	528	121	1,241.2	2.07	✓
Violet	V10 (615)	546	115	2,136.3	2.23	✓
Violet	V11 (664)	459	110	1,011.3	2.12	✓
Violet	V12 (692)	383	94	510.1	2.19	✓
Violet	V13 (720)	336	81	496.3	2.48	✓
Violet	V14 (750)	468	108	1,243.0	3.00	✓
Violet	V15 (780)	606	139	1,808.6	3.96	✓
Violet	V16 (812)	439	102	1,382.2	5.11	✓
Blue	B1 (508)	1,523	565	142.5	2.93	✓
Blue	B2 (525)	806	292	133.3	2.54	✓
Blue	B3 (542)	769	271	276.4	2.27	✓
Blue	B4 (581)	734	258	497.5	1.91	✓
Blue	B5 (598)	541	183	701.1	1.66	✓
Blue	B6 (615)	471	166	891.2	1.89	✓
Blue	B7 (661)	1,002	366	617.7	1.82	✓
Blue	B8 (679)	843	301	465.4	1.76	✓
Blue	B9 (697)	1,116	419	397.5	1.78	✓
Blue	B10 (717)	892	335	252.6	1.80	✓
Blue	B11 (738)	564	204	344.5	2.00	✓
Blue	B12 (760)	730	266	582.7	2.30	✓
Blue	B13 (783)	860	312	619.3	2.31	✓
Blue	B14 (812)	988	345	1,006.8	2.77	✓
YellowGreen	YG1 (577)	893	319	606.4	3.23	✓
YellowGreen	YG2 (598)	826	287	1,456.3	2.86	✓
YellowGreen	YG3 (615)	616	203	2,191.3	2.56	✓
YellowGreen	YG4 (661)	1,200	445	1,265.6	2.59	✓
YellowGreen	YG5 (679)	977	358	898.6	2.44	✓
YellowGreen	YG6 (697)	1,217	457	593.7	2.70	✓

YellowGreen	YG7 (720)	681	240	693.3	2.50	✓
YellowGreen	YG8 (750)	598	206	814.6	1.90	✓
YellowGreen	YG9 (780)	775	262	1,071.1	2.26	✓
YellowGreen	YG10 (812)	780	250	912.3	3.34	✓
Red	R1 (661)	497	113	365.8	2.64	✓
Red	R2 (679)	440	96	508.6	2.61	✓
Red	R3 (697)	589	136	401.5	2.70	✓
Red	R4 (717)	553	130	350.3	2.93	✓
Red	R5 (738)	372	79	648.4	3.44	✓
Red	R6 (760)	412	88	935.9	4.47	✓
Red	R7 (783)	544	120	1,291.7	5.16	✓
Red	R8 (812)	348	82	933.3	9.38	✓

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-33.18	0.82
Blue	0.00	0.90
Violet	33.05	0.88
YellowGreen	64.22	0.82

FSC Area Scaling Factor: 0.91

Window Extension: 3

Temperature: 25.2 °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)