

Daily QC Report

QC Status: PASSED	Date: January 09, 2023 - 13:21 PM
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: 2004	Expiration Date: December 31, 2026

Laser	Detector (nm)	Gain	Gain Change	Median (x1000)	% rCV	Status
Blue	FSC	331	23	1,977.1	5.08	✓
Violet	SSC	243	28	2,013.2	5.69	✓
Blue	SSC-B	311	45	1,996.1	2.19	✓
Violet	V1 (428)	208	20	469.4	3.10	✓
Violet	V2 (443)	251	20	1,093.5	3.12	✓
Violet	V3 (458)	237	23	1,294.8	3.13	✓
Violet	V4 (473)	169	14	1,300.3	3.16	✓
Violet	V5 (508)	202	21	1,268.5	3.24	✓
Violet	V6 (525)	201	19	911.6	3.30	✓
Violet	V7 (542)	257	22	993.5	3.48	✓
Violet	V8 (581)	431	44	823.2	3.91	✓
Violet	V9 (598)	351	37	926.7	5.37	✓
Violet	V10 (615)	383	41	1,512.6	6.19	✓
Violet	V11 (664)	319	31	708.9	5.80	✓
Violet	V12 (692)	264	24	364.6	5.67	✓
Violet	V13 (720)	257	25	279.7	6.04	✓
Violet	V14 (750)	413	47	308.6	6.97	✓
Violet	V15 (780)	551	64	287.5	7.95	✓
Violet	V16 (812)	416	51	158.7	8.85	✓
Blue	B1 (508)	773	91	129.4	3.05	✓
Blue	B2 (525)	420	55	123.7	2.77	✓
Blue	B3 (542)	393	38	229.8	2.82	✓
Blue	B4 (581)	376	41	363.2	2.27	✓
Blue	B5 (598)	295	36	513.1	2.53	✓
Blue	B6 (615)	262	31	627.3	3.00	✓
Blue	B7 (661)	562	65	446.0	2.38	✓
Blue	B8 (679)	475	54	339.3	2.16	✓
Blue	B9 (697)	623	74	293.1	2.13	✓
Blue	B10 (717)	496	54	157.6	2.35	✓
Blue	B11 (738)	355	42	119.8	2.74	✓
Blue	B12 (760)	493	60	128.3	3.59	✓
Blue	B13 (783)	600	78	104.8	3.96	✓
Blue	B14 (812)	736	98	126.8	4.46	✓
YellowGreen	YG1 (577)	468	58	467.9	2.16	✓
YellowGreen	YG2 (598)	460	62	1,267.9	3.98	✓
YellowGreen	YG3 (615)	367	54	1,979.1	4.34	✓
YellowGreen	YG4 (661)	715	89	1,117.9	3.82	✓
YellowGreen	YG5 (679)	572	72	816.9	3.34	✓
YellowGreen	YG6 (697)	703	77	531.1	3.23	✓
YellowGreen	YG7 (720)	440	58	563.1	3.54	✓
YellowGreen	YG8 (750)	442	55	318.1	4.39	✓
YellowGreen	YG9 (780)	619	92	251.0	5.23	✓
YellowGreen	YG10 (812)	687	121	147.9	6.14	✓
Red	R1 (661)	357	24	389.6	2.20	✓
Red	R2 (679)	277	12	619.4	1.89	✓
Red	R3 (697)	373	17	510.7	1.80	✓
Red	R4 (717)	393	29	389.7	1.67	✓
Red	R5 (738)	300	26	398.3	2.23	✓
Red	R6 (760)	337	36	366.2	3.01	✓
Red	R7 (783)	464	54	377.3	3.73	✓
Red	R8 (812)	318	41	199.6	4.75	✓

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-26.05	0.98
Blue	0.00	1.11
Violet	24.55	1.07
YellowGreen	49.93	1.01

FSC Area Scaling Factor: 1.13 Window Extension: 3

Temperature: 25 °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)