

Daily QC Report

QC Status: FAILED	Date: February 13, 2024 - 10:12 AM
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	533	184	2,015.8	2.82	✓
Violet	SSC	762	426	2,031.7	5.56	✗
Blue	SSC-B	698	312	1,996.8	4.97	✓
Violet	V1 (428)	459	224	476.0	3.39	✓
Violet	V2 (443)	557	266	1,082.0	3.41	✓
Violet	V3 (458)	538	261	1,229.6	3.45	✓
Violet	V4 (473)	381	182	1,190.8	3.28	✓
Violet	V5 (508)	453	218	1,129.3	3.25	✓
Violet	V6 (525)	443	209	826.4	3.30	✓
Violet	V7 (542)	576	275	958.8	3.38	✓
Violet	V8 (581)	961	446	1,010.4	4.40	✓
Violet	V9 (598)	755	348	1,225.8	4.94	✓
Violet	V10 (615)	771	340	2,088.1	5.42	✓
Violet	V11 (664)	642	293	1,005.9	5.47	✓
Violet	V12 (692)	531	242	500.6	5.77	✓
Violet	V13 (720)	471	216	506.2	6.38	✓
Violet	V14 (750)	654	294	1,245.7	7.16	✓
Violet	V15 (780)	844	377	1,811.6	8.63	✓
Violet	V16 (812)	624	287	1,381.8	10.31	✓
Blue	B1 (508)	1,623	665	138.1	3.76	✓
Blue	B2 (525)	876	362	134.6	3.48	✓
Blue	B3 (542)	839	341	276.1	3.10	✓
Blue	B4 (581)	789	313	478.4	2.73	✓
Blue	B5 (598)	598	240	690.3	2.42	✓
Blue	B6 (615)	518	213	872.6	2.38	✓
Blue	B7 (661)	1,055	419	604.4	2.22	✓
Blue	B8 (679)	920	378	461.8	2.15	✓
Blue	B9 (697)	1,192	495	393.6	2.24	✓
Blue	B10 (717)	960	403	254.6	2.28	✓
Blue	B11 (738)	613	253	343.5	2.16	✓
Blue	B12 (760)	793	329	595.7	2.43	✓
Blue	B13 (783)	939	391	620.1	2.58	✓
Blue	B14 (812)	1,092	449	1,022.1	3.71	✓
YellowGreen	YG1 (577)	952	378	599.8	4.54	✓
YellowGreen	YG2 (598)	881	342	1,416.2	4.00	✓
YellowGreen	YG3 (615)	659	246	2,154.6	3.60	✓
YellowGreen	YG4 (661)	1,261	506	1,272.8	3.66	✓
YellowGreen	YG5 (679)	1,020	401	878.7	3.47	✓
YellowGreen	YG6 (697)	1,255	495	585.9	3.73	✓
YellowGreen	YG7 (720)	709	268	691.0	3.36	✓
YellowGreen	YG8 (750)	620	228	816.3	2.33	✓
YellowGreen	YG9 (780)	803	290	1,058.2	2.64	✓
YellowGreen	YG10 (812)	825	295	935.2	4.10	✓
Red	R1 (661)	581	197	384.6	3.11	✓
Red	R2 (679)	515	171	520.7	3.08	✓
Red	R3 (697)	694	241	423.5	3.33	✓
Red	R4 (717)	655	232	356.5	3.85	✓
Red	R5 (738)	454	161	655.8	4.65	✓
Red	R6 (760)	510	186	948.4	6.24	✓
Red	R7 (783)	682	258	1,307.9	7.14	✓
Red	R8 (812)	440	174	934.9	12.13	✓

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-33.00	0.83
Blue	0.00	0.96
Violet	33.08	0.84
YellowGreen	64.43	0.88

FSC Area Scaling Factor: 0.99 Window Extension: 3

Temperature: 25.8 °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)