

Daily QC Report

QC Status: PASSED	Date: July 11, 2023 - 09:33 AM
Cytometer Name: Aurora	User: Admin
Serial Number: S0144	Nozzle Size: 100 µm
Configuration: 4-Laser-V16-B14-R8-YG10	Sheath Pressure: 25 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	358	9	1,954.8	1.52	✔
Violet	SSC	389	53	1,989.4	4.86	✔
Blue	SSC-B	427	41	2,016.4	5.01	✔
Violet	V1 (428)	263	28	473.9	2.57	✔
Violet	V2 (443)	319	28	1,066.4	2.62	✔
Violet	V3 (458)	303	26	1,234.1	2.54	✔
Violet	V4 (473)	219	20	1,196.3	2.30	✔
Violet	V5 (508)	260	25	1,145.9	2.12	✔
Violet	V6 (525)	259	25	843.0	2.09	✔
Violet	V7 (542)	333	32	951.4	1.95	✔
Violet	V8 (581)	555	40	1,030.6	2.18	✔
Violet	V9 (598)	429	22	1,252.1	2.45	✔
Violet	V10 (615)	453	22	2,121.2	2.74	✔
Violet	V11 (664)	385	36	1,027.6	2.65	✔
Violet	V12 (692)	325	36	508.9	2.75	✔
Violet	V13 (720)	288	33	500.4	2.80	✔
Violet	V14 (750)	403	43	1,254.1	4.04	✔
Violet	V15 (780)	521	54	1,809.3	5.36	✔
Violet	V16 (812)	369	32	1,364.8	7.19	✔
Blue	B1 (508)	1,043	85	141.3	2.30	✔
Blue	B2 (525)	560	46	134.3	2.06	✔
Blue	B3 (542)	537	39	276.0	1.99	✔
Blue	B4 (581)	506	30	492.5	2.04	✔
Blue	B5 (598)	367	9	691.2	2.36	✔
Blue	B6 (615)	321	16	890.3	2.71	✔
Blue	B7 (661)	692	56	624.2	2.68	✔
Blue	B8 (679)	592	50	467.3	2.68	✔
Blue	B9 (697)	774	77	392.5	2.48	✔
Blue	B10 (717)	623	66	255.1	2.25	✔
Blue	B11 (738)	406	46	343.6	2.23	✔
Blue	B12 (760)	528	64	584.6	2.60	✔
Blue	B13 (783)	620	72	615.4	2.80	✔
Blue	B14 (812)	731	88	1,017.8	4.02	✔
YellowGreen	YG1 (577)	649	75	601.4	3.50	✔
YellowGreen	YG2 (598)	581	42	1,394.8	3.09	✔
YellowGreen	YG3 (615)	454	41	2,198.2	2.90	✔
YellowGreen	YG4 (661)	877	122	1,251.9	3.00	✔
YellowGreen	YG5 (679)	710	91	879.6	2.88	✔
YellowGreen	YG6 (697)	894	134	582.4	3.06	✔
YellowGreen	YG7 (720)	515	74	693.5	2.94	✔
YellowGreen	YG8 (750)	444	52	818.9	3.10	✔
YellowGreen	YG9 (780)	583	70	1,068.5	3.82	✔
YellowGreen	YG10 (812)	594	64	929.3	5.65	✔
Red	R1 (661)	531	147	386.0	4.31	✔
Red	R2 (679)	453	109	528.0	4.11	✔
Red	R3 (697)	616	163	425.7	4.24	✔
Red	R4 (717)	550	127	355.0	4.26	✔
Red	R5 (738)	360	67	654.3	4.85	✔
Red	R6 (760)	390	66	944.5	6.24	✔
Red	R7 (783)	504	80	1,289.6	7.11	✔
Red	R8 (812)	311	45	923.2	11.68	✔

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-25.20	0.99
Blue	0.00	1.11
Violet	24.75	1.06
YellowGreen	48.40	1.01

FSC Area Scaling Factor: 1.13 Window Extension: 3

Temperature: 23.4 °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)