

Daily QC Report

QC Status: PASSED	Date: July 24, 2023 - 13:45 PM
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	367	18	1,952.2	1.34	✔
Violet	SSC	391	55	1,978.7	5.58	✔
Blue	SSC-B	436	50	2,014.5	3.82	✔
Violet	V1 (428)	258	23	468.3	2.49	✔
Violet	V2 (443)	320	29	1,084.0	2.55	✔
Violet	V3 (458)	299	22	1,227.8	2.60	✔
Violet	V4 (473)	216	17	1,201.1	2.37	✔
Violet	V5 (508)	253	18	1,132.0	2.24	✔
Violet	V6 (525)	250	16	824.5	2.18	✔
Violet	V7 (542)	325	24	957.4	2.08	✔
Violet	V8 (581)	532	17	1,026.5	2.29	✔
Violet	V9 (598)	409	2	1,227.0	2.10	✔
Violet	V10 (615)	437	6	2,119.0	1.96	✔
Violet	V11 (664)	363	14	1,020.8	2.64	✔
Violet	V12 (692)	299	10	503.6	3.17	✔
Violet	V13 (720)	281	26	498.2	2.02	✔
Violet	V14 (750)	428	68	1,239.9	5.39	✔
Violet	V15 (780)	572	105	1,805.8	7.69	✔
Violet	V16 (812)	443	106	1,350.8	11.67	✔
Blue	B1 (508)	1,050	92	143.4	2.95	✔
Blue	B2 (525)	559	45	133.9	2.91	✔
Blue	B3 (542)	526	28	275.9	3.33	✔
Blue	B4 (581)	495	19	489.0	3.53	✔
Blue	B5 (598)	363	5	695.5	3.16	✔
Blue	B6 (615)	316	11	874.4	2.92	✔
Blue	B7 (661)	668	32	619.5	3.61	✔
Blue	B8 (679)	568	26	465.1	4.21	✔
Blue	B9 (697)	744	47	394.3	4.10	✔
Blue	B10 (717)	614	57	253.3	2.81	✔
Blue	B11 (738)	425	65	343.1	2.60	✔
Blue	B12 (760)	569	105	582.6	4.09	✔
Blue	B13 (783)	698	150	615.5	5.39	✔
Blue	B14 (812)	873	230	999.3	8.88	✔
YellowGreen	YG1 (577)	607	33	596.7	4.53	✔
YellowGreen	YG2 (598)	566	27	1,418.0	3.69	✔
YellowGreen	YG3 (615)	436	23	2,177.5	3.43	✔
YellowGreen	YG4 (661)	829	74	1,255.4	3.28	✔
YellowGreen	YG5 (679)	663	44	879.8	3.31	✔
YellowGreen	YG6 (697)	827	67	588.0	3.50	✔
YellowGreen	YG7 (720)	499	58	694.1	3.31	✔
YellowGreen	YG8 (750)	480	88	816.9	4.74	✔
YellowGreen	YG9 (780)	655	142	1,059.0	6.62	✔
YellowGreen	YG10 (812)	738	208	916.4	10.35	✔
Red	R1 (661)	414	30	384.0	4.49	✔
Red	R2 (679)	346	2	517.9	5.27	✔
Red	R3 (697)	471	18	414.8	5.15	✔
Red	R4 (717)	457	34	350.1	3.26	✔
Red	R5 (738)	339	46	651.1	3.31	✔
Red	R6 (760)	390	66	937.1	5.91	✔
Red	R7 (783)	533	109	1,274.8	7.86	✔
Red	R8 (812)	365	99	917.1	13.50	✔

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-25.23	0.99
Blue	0.00	1.10
Violet	25.05	1.06
YellowGreen	48.48	1.00

FSC Area Scaling Factor: 1.11 Window Extension: 3

Temperature: 25.1 °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)