

Daily QC Report

QC Status:	PASSED	Date:	October 09, 2023 - 11:29 AM
Cytometer Name:	Aurora	User:	Admin
Serial Number:	50144	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	357	8	1,940.6	2.21	✔
Violet	SSC	421	85	1,986.7	5.17	✔
Blue	SSC-B	453	67	1,980.4	3.97	✔
Violet	V1 (428)	263	28	466.5	2.34	✔
Violet	V2 (443)	323	32	1,064.6	2.37	✔
Violet	V3 (458)	308	31	1,231.2	2.44	✔
Violet	V4 (473)	221	22	1,191.4	2.22	✔
Violet	V5 (508)	260	25	1,135.2	2.08	✔
Violet	V6 (525)	257	23	832.7	2.05	✔
Violet	V7 (542)	334	33	961.3	1.95	✔
Violet	V8 (581)	549	34	1,022.1	2.21	✔
Violet	V9 (598)	423	16	1,234.3	2.33	✔
Violet	V10 (615)	451	20	2,134.1	2.54	✔
Violet	V11 (664)	369	20	1,008.0	2.65	✔
Violet	V12 (692)	311	22	507.5	3.00	✔
Violet	V13 (720)	287	32	498.7	3.62	✔
Violet	V14 (750)	421	61	1,245.6	4.78	✔
Violet	V15 (780)	552	85	1,802.2	6.10	✔
Violet	V16 (812)	431	94	1,363.7	7.69	✔
Blue	B1 (508)	1,078	120	144.9	3.68	✔
Blue	B2 (525)	563	49	132.1	3.48	✔
Blue	B3 (542)	545	47	279.3	3.21	✔
Blue	B4 (581)	509	33	490.9	2.93	✔
Blue	B5 (598)	373	15	694.9	2.44	✔
Blue	B6 (615)	327	22	882.4	2.22	✔
Blue	B7 (661)	688	52	629.8	2.26	✔
Blue	B8 (679)	581	39	469.6	2.33	✔
Blue	B9 (697)	765	68	393.5	2.56	✔
Blue	B10 (717)	624	67	254.2	2.58	✔
Blue	B11 (738)	426	66	342.9	2.47	✔
Blue	B12 (760)	561	97	583.2	3.25	✔
Blue	B13 (783)	686	138	616.0	3.69	✔
Blue	B14 (812)	851	208	1,006.0	5.46	✔
YellowGreen	YG1 (577)	620	46	594.9	3.49	✔
YellowGreen	YG2 (598)	581	42	1,411.3	3.09	✔
YellowGreen	YG3 (615)	445	32	2,209.7	2.82	✔
YellowGreen	YG4 (661)	838	83	1,239.4	2.92	✔
YellowGreen	YG5 (679)	674	55	882.4	2.72	✔
YellowGreen	YG6 (697)	849	89	584.7	2.95	✔
YellowGreen	YG7 (720)	503	62	698.1	2.89	✔
YellowGreen	YG8 (750)	475	83	821.9	2.95	✔
YellowGreen	YG9 (780)	636	123	1,062.1	3.62	✔
YellowGreen	YG10 (812)	714	184	918.4	5.65	✔
Red	R1 (661)	416	32	382.6	2.90	✔
Red	R2 (679)	354	10	523.7	3.10	✔
Red	R3 (697)	480	27	422.4	3.25	✔
Red	R4 (717)	463	40	353.0	2.94	✔
Red	R5 (738)	341	48	651.4	3.49	✔
Red	R6 (760)	389	65	934.1	4.83	✔
Red	R7 (783)	531	107	1,280.0	5.80	✔
Red	R8 (812)	369	103	923.4	9.70	✔

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-24.08	0.98
Blue	0.00	1.11
Violet	25.50	1.06
YellowGreen	49.00	1.01

FSC Area Scaling Factor: 1.12 Window Extension: 3

Temperature: 24.1 °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)