

Daily QC Report

QC Status:	PASSED	Date:	October 10, 2022 - 10:50 AM
Cytometer Name:	Aurora CS	User:	Admin
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: 2003 Expiration Date: December 31, 2026

Laser	Detector (nm)	Gain	Gain Change	Median (x1000)	% rCV	Status
Blue	FSC	376	78	1,938.4	4.08	✔
Violet	SSC	255	50	2,001.7	4.50	✔
Blue	SSC-B	314	67	1,996.4	2.19	✔
Violet	V1 (428)	207	39	445.7	1.48	✔
Violet	V2 (443)	257	47	1,072.1	1.56	✔
Violet	V3 (458)	239	47	1,258.1	1.43	✔
Violet	V4 (473)	172	31	1,299.3	1.37	✔
Violet	V5 (508)	202	34	1,249.7	1.37	✔
Violet	V6 (525)	203	33	909.4	1.42	✔
Violet	V7 (542)	260	43	1,002.4	1.39	✔
Violet	V8 (581)	419	63	804.5	1.26	✔
Violet	V9 (598)	353	66	910.5	1.66	✔
Violet	V10 (615)	385	78	1,465.6	2.28	✔
Violet	V11 (664)	316	66	692.3	2.00	✔
Violet	V12 (692)	272	61	410.7	2.33	✔
Violet	V13 (720)	283	75	372.3	2.81	✔
Violet	V14 (750)	410	105	348.9	3.29	✔
Violet	V15 (780)	521	154	302.4	3.85	✔
Violet	V16 (812)	377	129	150.7	4.14	✔
Blue	B1 (508)	790	159	135.1	2.83	✔
Blue	B2 (525)	413	72	134.1	2.67	✔
Blue	B3 (542)	398	58	248.3	2.46	✔
Blue	B4 (581)	374	51	359.1	2.06	✔
Blue	B5 (598)	305	58	505.6	2.25	✔
Blue	B6 (615)	279	59	614.5	2.60	✔
Blue	B7 (661)	578	108	429.8	2.38	✔
Blue	B8 (679)	510	96	350.2	2.41	✔
Blue	B9 (697)	700	154	344.6	2.67	✔
Blue	B10 (717)	572	151	203.0	3.02	✔
Blue	B11 (738)	394	108	143.5	3.14	✔
Blue	B12 (760)	518	145	142.8	3.74	✔
Blue	B13 (783)	616	198	112.1	3.97	✔
Blue	B14 (812)	719	230	125.1	4.06	✔
YellowGreen	YG1 (577)	472	82	462.1	1.71	✔
YellowGreen	YG2 (598)	481	125	1,227.0	3.02	✔
YellowGreen	YG3 (615)	385	112	1,914.7	3.32	✔
YellowGreen	YG4 (661)	746	201	1,078.4	3.16	✔
YellowGreen	YG5 (679)	618	167	834.7	3.15	✔
YellowGreen	YG6 (697)	809	247	632.3	3.50	✔
YellowGreen	YG7 (720)	514	175	730.9	3.90	✔
YellowGreen	YG8 (750)	490	180	381.6	4.31	✔
YellowGreen	YG9 (780)	655	260	296.8	4.87	✔
YellowGreen	YG10 (812)	690	294	159.2	5.22	✔
Red	R1 (661)	373	25	388.1	2.28	✔
Red	R2 (679)	322	21	675.0	2.62	✔
Red	R3 (697)	488	93	778.6	3.16	✔
Red	R4 (717)	502	136	680.4	3.81	✔
Red	R5 (738)	352	100	581.1	3.97	✔
Red	R6 (760)	371	114	487.8	4.26	✔
Red	R7 (783)	485	159	488.6	4.62	✔
Red	R8 (812)	314	113	237.4	4.83	✔

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-25.78	0.99
Blue	0.00	1.11
Violet	24.18	1.08
YellowGreen	49.28	1.02

FSC Area Scaling Factor: 1.12 Window Extension: 3

Temperature: 18.8 °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)