

Daily QC Report

QC Status:	PASSED	Date:	August 29, 2022 - 14:18 PM
Cytometer Name:	Aurora CS	User:	Admin
Serial Number:	S0144	Nozzle Size:	70 µm
Configuration:	4-Laser-V16-B14-R8-YG10	Sheath Pressure:	64 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	299	1	1,977.6	3.94	✔
Violet	SSC	217	12	1,990.3	5.37	✔
Blue	SSC-B	260	13	1,992.4	2.74	✔
Violet	V1 (428)	178	10	445.7	1.28	✔
Violet	V2 (443)	222	12	1,060.2	1.35	✔
Violet	V3 (458)	203	11	1,251.2	1.19	✔
Violet	V4 (473)	150	9	1,299.2	1.13	✔
Violet	V5 (508)	175	7	1,239.2	1.15	✔
Violet	V6 (525)	177	7	899.6	1.20	✔
Violet	V7 (542)	228	11	997.0	1.10	✔
Violet	V8 (581)	373	17	809.5	1.09	✔
Violet	V9 (598)	296	9	909.9	1.18	✔
Violet	V10 (615)	314	7	1,473.0	1.24	✔
Violet	V11 (664)	258	8	701.7	1.26	✔
Violet	V12 (692)	218	7	419.1	1.39	✔
Violet	V13 (720)	216	8	377.5	1.43	✔
Violet	V14 (750)	313	8	358.3	1.50	✔
Violet	V15 (780)	380	13	313.5	1.71	✔
Violet	V16 (812)	260	12	155.7	2.19	✔
Blue	B1 (508)	671	40	134.2	3.39	✔
Blue	B2 (525)	360	19	133.9	3.29	✔
Blue	B3 (542)	369	29	245.6	3.18	✔
Blue	B4 (581)	341	18	359.8	2.77	✔
Blue	B5 (598)	256	9	509.8	2.13	✔
Blue	B6 (615)	224	4	620.7	1.76	✔
Blue	B7 (661)	481	11	439.2	1.78	✔
Blue	B8 (679)	421	7	349.0	1.72	✔
Blue	B9 (697)	554	8	342.0	1.78	✔
Blue	B10 (717)	432	11	207.3	1.82	✔
Blue	B11 (738)	292	6	145.3	1.75	✔
Blue	B12 (760)	376	3	145.1	1.93	✔
Blue	B13 (783)	435	17	115.2	1.89	✔
Blue	B14 (812)	497	8	128.1	2.06	✔
YellowGreen	YG1 (577)	398	8	462.7	0.86	✔
YellowGreen	YG2 (598)	359	3	1,234.3	1.00	✔
YellowGreen	YG3 (615)	276	3	1,927.8	0.88	✔
YellowGreen	YG4 (661)	547	2	1,096.3	0.93	✔
YellowGreen	YG5 (679)	459	8	854.9	1.10	✔
YellowGreen	YG6 (697)	565	3	654.0	1.18	✔
YellowGreen	YG7 (720)	343	4	747.1	1.27	✔
YellowGreen	YG8 (750)	318	8	393.4	1.32	✔
YellowGreen	YG9 (780)	405	10	304.9	1.40	✔
YellowGreen	YG10 (812)	416	20	164.2	1.62	✔
Red	R1 (661)	350	2	394.4	1.84	✔
Red	R2 (679)	296	-5	685.1	2.00	✔
Red	R3 (697)	393	-2	772.8	1.83	✔
Red	R4 (717)	364	-2	697.6	1.71	✔
Red	R5 (738)	252	0	593.0	1.69	✔
Red	R6 (760)	258	1	494.6	1.83	✔
Red	R7 (783)	328	2	502.5	1.70	✔
Red	R8 (812)	204	3	243.6	1.84	✔

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-30.55	0.92
Blue	0.00	1.04
Violet	28.50	1.01
YellowGreen	57.93	0.93

FSC Area Scaling Factor: 1.06 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)