

Daily QC Report

QC Status: PASSED	Date: July 31, 2023 - 10:09 AM
Cytometer Name: Aurora	User: Admin
Serial Number: S0144	Nozzle Size: 100 µm
Configuration: 4-Laser-V16-B14-R8-YG10	Sheath Pressure: 15 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	317	-32	2,020.3	1.62	✔
Violet	SSC	337	1	1,990.0	5.38	✔
Blue	SSC-B	370	-16	1,982.7	5.40	✔
Violet	V1 (428)	228	-7	464.4	2.85	✔
Violet	V2 (443)	280	-11	1,067.1	2.92	✔
Violet	V3 (458)	266	-11	1,221.1	2.93	✔
Violet	V4 (473)	192	-7	1,200.9	2.65	✔
Violet	V5 (508)	227	-8	1,121.3	2.47	✔
Violet	V6 (525)	225	-9	825.3	2.40	✔
Violet	V7 (542)	291	-10	953.6	2.14	✔
Violet	V8 (581)	489	-26	1,017.4	1.86	✔
Violet	V9 (598)	379	-28	1,233.3	1.90	✔
Violet	V10 (615)	406	-25	2,141.7	2.06	✔
Violet	V11 (664)	343	-6	1,004.5	1.96	✔
Violet	V12 (692)	292	3	510.2	2.02	✔
Violet	V13 (720)	256	1	497.6	2.05	✔
Violet	V14 (750)	361	1	1,254.0	2.46	✔
Violet	V15 (780)	467	0	1,837.7	3.59	✔
Violet	V16 (812)	331	-6	1,367.8	4.95	✔
Blue	B1 (508)	944	-14	143.2	2.69	✔
Blue	B2 (525)	502	-12	133.4	2.43	✔
Blue	B3 (542)	494	-4	277.1	2.30	✔
Blue	B4 (581)	455	-21	484.5	2.40	✔
Blue	B5 (598)	331	-27	694.6	2.63	✔
Blue	B6 (615)	288	-17	879.5	2.75	✔
Blue	B7 (661)	628	-8	623.9	2.64	✔
Blue	B8 (679)	535	-7	462.7	2.64	✔
Blue	B9 (697)	693	-4	388.2	2.45	✔
Blue	B10 (717)	563	6	250.3	2.22	✔
Blue	B11 (738)	364	4	343.8	1.98	✔
Blue	B12 (760)	475	11	588.6	1.95	✔
Blue	B13 (783)	559	11	624.8	2.15	✔
Blue	B14 (812)	657	14	1,018.6	3.12	✔
YellowGreen	YG1 (577)	559	-15	595.0	3.88	✔
YellowGreen	YG2 (598)	508	-31	1,399.9	3.41	✔
YellowGreen	YG3 (615)	396	-17	2,191.9	3.01	✔
YellowGreen	YG4 (661)	761	6	1,238.5	2.96	✔
YellowGreen	YG5 (679)	627	8	882.6	2.77	✔
YellowGreen	YG6 (697)	779	19	584.3	2.81	✔
YellowGreen	YG7 (720)	449	8	692.3	2.52	✔
YellowGreen	YG8 (750)	395	3	817.2	1.88	✔
YellowGreen	YG9 (780)	520	7	1,073.4	2.42	✔
YellowGreen	YG10 (812)	530	0	927.8	3.66	✔
Red	R1 (661)	438	54	382.3	2.13	✔
Red	R2 (679)	376	32	530.5	2.12	✔
Red	R3 (697)	505	52	423.4	2.15	✔
Red	R4 (717)	458	35	356.3	2.29	✔
Red	R5 (738)	298	5	651.4	2.68	✔
Red	R6 (760)	330	6	934.8	3.59	✔
Red	R7 (783)	432	8	1,290.4	4.05	✔
Red	R8 (812)	274	8	923.7	7.91	✔

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-32.78	0.85
Blue	0.00	0.94
Violet	32.60	0.92
YellowGreen	63.23	0.86

FSC Area Scaling Factor: 0.97 Window Extension: 3

Temperature: 24.9 °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)