

Daily QC Report

QC Status: PASSED	Date: September 04, 2023 - 10:57 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	2,032.2	1.80	✔
Violet	SSC	361	25	1,987.7	4.09	✔
Blue	SSC-B	379	-7	2,005.7	5.64	✔
Violet	V1 (428)	239	4	465.4	2.74	✔
Violet	V2 (443)	293	2	1,081.6	2.84	✔
Violet	V3 (458)	277	0	1,218.2	2.91	✔
Violet	V4 (473)	201	2	1,209.1	2.58	✔
Violet	V5 (508)	236	1	1,135.7	2.38	✔
Violet	V6 (525)	232	-2	825.8	2.32	✔
Violet	V7 (542)	302	1	965.0	2.10	✔
Violet	V8 (581)	501	-14	1,029.3	2.26	✔
Violet	V9 (598)	385	-22	1,238.7	2.45	✔
Violet	V10 (615)	401	-30	2,123.4	2.63	✔
Violet	V11 (664)	339	-10	1,009.4	2.97	✔
Violet	V12 (692)	286	-3	507.7	3.30	✔
Violet	V13 (720)	260	5	496.2	2.63	✔
Violet	V14 (750)	384	24	1,237.7	3.56	✔
Violet	V15 (780)	517	50	1,791.1	5.51	✔
Violet	V16 (812)	398	61	1,332.3	8.70	✔
Blue	B1 (508)	961	3	144.8	2.66	✔
Blue	B2 (525)	507	-7	134.8	2.59	✔
Blue	B3 (542)	483	-15	278.1	2.70	✔
Blue	B4 (581)	449	-27	489.4	2.78	✔
Blue	B5 (598)	329	-29	700.7	2.57	✔
Blue	B6 (615)	282	-23	882.2	2.50	✔
Blue	B7 (661)	610	-26	631.6	2.79	✔
Blue	B8 (679)	518	-24	472.2	3.03	✔
Blue	B9 (697)	673	-24	400.4	2.89	✔
Blue	B10 (717)	551	-6	252.2	2.20	✔
Blue	B11 (738)	376	16	345.7	2.28	✔
Blue	B12 (760)	500	36	582.5	3.20	✔
Blue	B13 (783)	609	61	618.0	4.19	✔
Blue	B14 (812)	754	111	990.8	6.89	✔
YellowGreen	YG1 (577)	567	-7	604.4	3.34	✔
YellowGreen	YG2 (598)	517	-22	1,409.0	2.81	✔
YellowGreen	YG3 (615)	396	-17	2,182.3	2.48	✔
YellowGreen	YG4 (661)	765	10	1,279.8	2.51	✔
YellowGreen	YG5 (679)	618	-1	882.2	2.41	✔
YellowGreen	YG6 (697)	765	5	583.0	2.61	✔
YellowGreen	YG7 (720)	452	11	697.4	2.15	✔
YellowGreen	YG8 (750)	420	28	815.5	2.98	✔
YellowGreen	YG9 (780)	571	58	1,050.1	4.55	✔
YellowGreen	YG10 (812)	623	93	908.0	7.14	✔
Red	R1 (661)	394	10	387.0	2.70	✔
Red	R2 (679)	333	-11	522.1	3.07	✔
Red	R3 (697)	451	-2	414.8	3.39	✔
Red	R4 (717)	434	11	351.4	3.67	✔
Red	R5 (738)	315	22	647.4	5.38	✔
Red	R6 (760)	369	45	920.1	8.05	✔
Red	R7 (783)	512	88	1,252.2	9.53	✔
Red	R8 (812)	369	103	911.5	12.05	✔

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-31.15	0.85
Blue	0.00	0.97
Violet	32.85	0.92
YellowGreen	63.38	0.87

FSC Area Scaling Factor: 1.00 Window Extension: 3

Temperature: 23.2 °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)