

Daily QC Report

QC Status: PASSED	Date: February 20, 2023 - 14:52 PM
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: 2004	Expiration Date: December 31, 2026

Laser	Detector (nm)	Gain	Gain Change	Median (x1000)	% rCV	Status
Blue	FSC	342	34	1,954.9	2.48	✓
Violet	SSC	253	38	2,010.2	5.24	✓
Blue	SSC-B	326	60	1,996.5	2.65	✓
Violet	V1 (428)	217	29	460.2	3.12	✓
Violet	V2 (443)	263	32	1,087.9	3.14	✓
Violet	V3 (458)	245	31	1,261.0	3.19	✓
Violet	V4 (473)	178	23	1,303.4	3.26	✓
Violet	V5 (508)	209	28	1,232.9	3.40	✓
Violet	V6 (525)	207	25	889.2	3.44	✓
Violet	V7 (542)	268	33	976.3	3.79	✓
Violet	V8 (581)	443	56	804.4	4.11	✓
Violet	V9 (598)	366	52	933.5	4.51	✓
Violet	V10 (615)	400	58	1,541.6	5.44	✓
Violet	V11 (664)	334	46	721.1	4.90	✓
Violet	V12 (692)	269	29	359.5	4.83	✓
Violet	V13 (720)	270	38	285.6	5.03	✓
Violet	V14 (750)	437	71	314.9	6.02	✓
Violet	V15 (780)	597	110	298.1	6.97	✓
Violet	V16 (812)	461	96	167.7	7.92	✓
Blue	B1 (508)	795	113	127.6	2.88	✓
Blue	B2 (525)	425	60	121.9	2.57	✓
Blue	B3 (542)	401	46	226.2	2.60	✓
Blue	B4 (581)	384	49	358.2	2.25	✓
Blue	B5 (598)	302	43	518.6	2.43	✓
Blue	B6 (615)	276	45	646.9	2.79	✓
Blue	B7 (661)	582	85	450.0	2.62	✓
Blue	B8 (679)	488	67	340.5	2.63	✓
Blue	B9 (697)	641	92	289.6	2.54	✓
Blue	B10 (717)	513	71	157.7	2.68	✓
Blue	B11 (738)	372	59	121.2	2.89	✓
Blue	B12 (760)	526	93	130.3	3.48	✓
Blue	B13 (783)	650	128	107.0	3.75	✓
Blue	B14 (812)	803	165	130.6	4.02	✓
YellowGreen	YG1 (577)	478	68	476.8	1.66	✓
YellowGreen	YG2 (598)	476	78	1,304.6	3.29	✓
YellowGreen	YG3 (615)	384	71	2,049.3	3.67	✓
YellowGreen	YG4 (661)	747	121	1,157.3	3.39	✓
YellowGreen	YG5 (679)	593	93	838.4	3.04	✓
YellowGreen	YG6 (697)	733	107	548.0	2.96	✓
YellowGreen	YG7 (720)	458	76	577.0	3.27	✓
YellowGreen	YG8 (750)	466	79	328.4	4.13	✓
YellowGreen	YG9 (780)	661	134	262.5	4.97	✓
YellowGreen	YG10 (812)	741	175	154.2	5.63	✓
Red	R1 (661)	361	28	388.0	1.83	✓
Red	R2 (679)	280	15	616.4	1.54	✓
Red	R3 (697)	377	21	508.8	1.50	✓
Red	R4 (717)	397	33	388.6	1.62	✓
Red	R5 (738)	312	38	403.3	2.31	✓
Red	R6 (760)	354	53	376.8	2.99	✓
Red	R7 (783)	498	88	391.0	3.72	✓
Red	R8 (812)	345	68	209.4	4.83	✓

Laser Settings

Laser	Laser Delay	Area Scaling Factor
Red	-25.98	0.98
Blue	0.00	1.11
Violet	24.63	1.07
YellowGreen	50.00	1.01

FSC Area Scaling Factor: 1.12 Window Extension: 3

Temperature: 24.8 °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)